## GENERAL NOTES:

1. ALL WORKS AND MATERIALS SHALL CONFORM TO THE LATEST REVISIONS OF THE STANDARDS AND SPECIFICATIONS OF THE TOWN OF OAKVILLE, THE REGION OF HALTON AND ONTARIO PROVINCIAL STANDARD DRAWINGS (OPSD), SPECIFICATIONS (OPSS), AND HALTON REGION'S WATER AND WASTEWATER LINEAR DESIGN MANUAL, AS AMENDED BY THE TOWN OF OAKVILLE AND THE REGION OF HALTON. THESE STANDARDS SHALL CONSTITUTE PART OF THE ENGINEERING DESIGN AND CONSTRUCTION CONTRACT.
2. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE "OCCUPATIONAL HEALTH AND SAFETY ACT", (THE ACT). THE GENERAL CONTRACTOR SHALL BE DEEMED TO BE THE CONSTRUCTOR AS DEFINED IN THE ACT.
3. THE CONTRACTOR SHALL CONFIRM THE LOCATION OF ALL EXISTING UTILITIES WITHIN THE SITE AND ADJACENT WORK AREAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES TO THE SATISFACTION OF THE AUTHORITY HAVING JURISDICTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ANY SERVICES OR UTILITIES DISTURBED DURING CONSTRUCTION, TO THE SATISFACTION OF THE AUTHORITY HAVING JURISDICTION.
4. RELOCATION OF EXISTING SERVICES AND/OR UTILITIES SHALL BE AS SHOWN ON THE DRAWINGS OR AS DIRECTED BY THE ENGINEER AT THE EXPENSE OF THE DEVELOPER.
5. THE SUPPORT AND PROTECTION OF ALL UTILITIES SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.
6. ALL DIMENSIONS ARE IN METERS EXCEPT FOR PIPES / SEWERS WHICH ARE IN MILLIMETERS.
7. ALL DIMENSIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER.
8. ALL CONSTRUCTION SIGNING MUST CONFORM TO THE M.T.O., ONTARIO TRAFFIC MANUAL, BOOK 7 (LATEST AMENDMENT).
9. NO BLASTING PERMITTED WITHOUT THE PRIOR WRITTEN APPROVAL BY THE MUNICIPAL DIRECTOR OF ENGINEERING, THE REGIONAL COMMISSIONER OF PUBLIC WORKS OR DESIGNATE
10. EXISTING WELLS AND PRIVATE SEWAGE DISPOSAL SYSTEMS SHALL BE DECOMMISSIONED BY THE CONTRACTOR IN ACCORDANCE WITH M.O.E. REQUIREMENTS.
11. THERE WILL BE NO SUBSTITUTION OF MATERIALS UNLESS PRIOR WRITTEN APPROVAL BY THE MUNICIPAL DIRECTOR OF ENGINEERING, THE REGIONAL COMMISSIONER OF PUBLIC WORKS OR DESIGNATE HAS BEEN OBTAINED. ALL WATERMAIN AND WASTEWATER MAIN APPURTENANCES, MATERIALS, AND COMPONENTS SHALL COMPLY WITH THE REGION'S LATEST APPROVED MANUFACTURER'S PRODUCT LISTS FOR WATER AND WASTEWATER SYSTEMS
12. THE CONTRACTOR WILL BE RESPONSIBLE FOR ADDITIONAL BEDDING OR ADDITIONAL STRENGTH PIPE IF THE MAXIMUM TRENCH WIDTH, AS SPECIFIED BY OPSD, IS EXCEEDED.
13. ALL SEWERS, SHALL BE INSTALLED WITH LASER AND CHECKED PRIOR TO BACKFILLING.
14. PRIOR TO THE COMMENCEMENT OF SITE GRADING WORKS, ALL SILTATION CONTROL DEVICES SHALL BE INSTALLED AND OPERATIONAL. THE CONTRACTOR SHALL MAINTAIN ALL WORKS UNTIL SERVICING CONSTRUCTION IS COMPLETED TO THE SATISFACTION OF THE ENGINEER.
15. ALL AREAS DISTURBED BY THE CONTRACTOR DURING THE CONSTRUCTION OF THE WORKS SHOWN HEREIN SHALL BE RESTORED TO ORIGINAL CONDITION OR BETTER TO THE SATISFACTION OF THE AUTHORITY HAVING JURISDICTION AT THE CONTRACTORS EXPENSE. ALL GRASS AND VEGETATION COVERED AREAS SHALL BE RESTORED BY PLACING 150mm OF TOPSOIL AND NO. 1 NURSERY SOD TO ESTABLISH A GRASS COVER TO THE SATISFACTION OF THE AUTHORITY HAVING JURISDICTION. ALL DISTURBED GRASS AND VEGETATION COVERED AREAS WITHIN THE NHS SHALL BE RESTORED WITH A NATIVE SEED MIX TO THE SATISFACTION OF CONSERVATION HALTON.
16. FOR RECOMMENDATION OF SEWER INSTALLATION IN SHALE, REFER TO CONSOLIDATED GEOTECHNICAL INVESTIGATION REPORT PREPARED BY AMEC AMERICAS LIMITED, REPORT NO. TT53094, DATED SEPTEMBER 18, 2007 FOR DETAIL.
17. FOR TRENCH BACKFILL, THE ON-SITE INORGANIC SOILS ARE GENERALLY SUITABLE FOR TRENCH BACKFILL. IN THE ZONE WITHIN 1.0m BELOW THE ROAD SUBGRADE, THE BACKFILL SHOULD BE COMPACTED TO AT LEAST 98% OF ITS MAXIMUM STANDARD PROCTOR DRY DENSITY, WITH THE MOISTURE CONTENT 2% TO 3% DRIER THAN THE OPTIMUM. IN THE LOWER ZONE, A 95% OR + STANDARD PROCTOR COMPACTION IS CONSIDERED TO BE ADEQUATE; HOWEVER, THE MATERIAL MUST BE COMPACTED ON THE WET SIDE OF THE OPTIMUM.
18. PLEASE REFER TO GEOTECHNICAL INVESTIGATION REPORT AND GEOTECHNICAL CONSULTANT'S RECOMMENDATIONS FOR USE OF SHALE AS BACKFILL.
19. ALL PIPE/CULVERT/SECTION SIZES REFER TO INSIDE DIMENSIONS.
20. SHOULD DEEPLY BURIED ARCHAEOLOGICAL REMAINS BE FOUND ON THE PROPERTY DURING CONSTRUCTION ACTIVITIES, THE HERITAGE OPERATIONS UNIT OF THE ONTARIO MINISTRY OF CULTURE SHOULD BE NOTIFIED IMMEDIATELY.
21. ALL BOREHOLES SHOWN ON THE DRAWING ARE FOR INFORMATION ONLY. REFER TO GEOTECHNICAL INVESTIGATION REPORT PREPARED BY AMEC AMERICAS LIMITED, REPORT NO. TT53094, DATED SEPTEMBER 18, 2007 FOR DETAIL.
22. PROTECTIVE MEASURES SHALL BE EMPLOYED FOR TREE PROTECTION, AS PER THE LOCAL CITY/TOWN AND REGION STANDARDS.

## STORM NOTES:

1. ALL REINFORCED CONCRETE STORM SEWER PIPE SHALL BE IN ACCORDANCE WITH CSA A257.2 (LATEST AMENDMENT). ALL NON-REINFORCED CONCRETE STORM SEWER PIPE SHALL BE IN ACCORDANCE WITH CSA A257.1 (LATEST AMENDMENT). PIPE SHALL BE JOINTED WITH STD. RUBBER GASKETS AS PER CSA A257.3 (LATEST AMENDMENT).
2. ALL PVC STORM SEWER PIPE SHALL BE SDR 35 IN ACCORDANCE WITH OPSS MUNI 1841 (LATEST AMENDMENT), AND ASTM D-3034 (LATEST AMENDMENT), UNLESS OTHERWISE SPECIFIED.
3. WHERE APPLICABLE, ALL STORM LATERALS SHALL BE PVC SDR 28, WHITE IN COLOR AND MARKED WITH A 50mm x 100mm WOODEN MARKER EXTENDING FROM THE INVERT TO 1.0m ABOVE GROUND LEVEL, PLACED AT THE ENDS OF EACH RESIDENTIAL CONNECTION (STREET LINE). THE TOP 0.5m OF THE MARKERS ARE TO BE PAINTED WHITE. RESIDENTIAL CONNECTIONS SHALL BE 2.0m MINIMUM AND 3.0m MAXIMUM BELOW FINISHED GRADE AT STREET LINE. ALL CONNECTIONS SHALL BE 150mm DIA.
4. STORM MANHOLE FRAME AND COVERS TO BE AS PER OPSD 401.010 TYPE "A" UNLESS OTHERWISE SPECIFIED.
5. STORM SEWER MANHOLES SHALL BE BENCHED IN ACCORDANCE WITH OPSD 701.021.
6. SAFETY GRATINGS SHALL BE PROVIDED IN ALL MANHOLES WHEN THE DEPTH OF THE MANHOLE EXCEEDS FIVE (5) METERS, AS PER OPSD-404.020.
7. SINGLE CATCHBASINS SHALL BE IN ACCORDANCE WITH OPSD 705.010 AND DOUBLE CATCHBASINS AS PER OPSD 705.020. RLCB SHALL BE IN ACCORDANCE WITH TOWN OF OAKVILLE STD. 3-1. FRAMES AND GRATES SHALL BE AS PER OPSD 400.110 IN ROAD AND TOWN OF OAKVILLE STD. 5-2 IN REAR YARDS, PARKS AND OPEN SPACE. CATCHBASINS INSTALLED IN REAR YARDS AND PARKS TO BE SUMPLESS.
8. CATCHBASIN LEADS SHALL BE 250mm DIA. FOR SINGLE AND 300mm DIA. FOR DOUBLE CATCHBASINS UNLESS OTHERWISE NOTED, WITH A MINIMUM SLOPE OF 1.0%.
9. CONTRACTOR SHALL ENSURE THAT CATCHBASINS ARE INSTALLED AT THE LOW POINT OF SAG CURB WORKS.
10. ALL CATCHBASINS CONSTRUCTED IN FILL AREAS SHALL BE SUPPORTED WITH 15 MPa CONCRETE TO UNDISTURBED GROUND.
11. BEDDING MATERIAL TO BE PROVIDED AS PER FOLLOWS, UNLESS OTHERWISE NOTED:

i) FOR PVC STORM PIPE, OPSD-802.010, TYPE 1 OR 2 SOILS, GRANULAR "A" OR EQUIVALENT
ii) FOR CONCRETE STORM PIPE, OPSD-802.030, CLASS "B", GRANULAR "A" OR EQUIVALENT, WITH GRANULAR "A" COVER
FOR BEDDING MATERIAL IN SHALE EXCAVATION, REFER TO GEOTECHNICAL REPORT FOR RECOMMENDATIONS. WHERE WATER-BEARING SILTS AND SANDS ARE PRESENT, THE PIPE JOINTS SHOULD BE LEAK-PROOF, OR WRAPPED WITH AN APPROPRIATE WATERPROOF MEMBRANE.

12. THE STORM SEWER CLASSES HAVE BEEN DESIGNED BASED ON BEDDING CONDITIONS SPECIFIED IN DRAWINGS. WHERE THE SPECIFIED TRENCH WIDTH IS EXCEEDED, THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ADDITIONAL BEDDING, A DIFFERENT TYPE OF BEDDING OR A HIGHER PIPE STRENGTH AT HIS OWN EXPENSE AND SHALL ALSO BE RESPONSIBLE FOR EXTRA TEMPORARY AND/OR PERMANENT REPAIRS MADE NECESSARY BY THE WIDENED TRENCH.
13. APPROVED BACKFILL MATERIAL SHALL BE PLACED IN ACCORDANCE WITH OPSS 401, 402, AND 403. COMPACTION SOIL DENSITY TESTING SHALL BE CARRIED OUT TO ENSURE ADEQUATE COMPACTION AND STABILITY OF FILL AND TEST RESULTS SHALL BE SUBMITTED TO THE TOWN OF OAKVILLE.
14. ROOF WATER DOWNSPOUTS MUST SPILL ONTO GROUND VIA SPLASH PADS.
15. ALL SEWERS TO BE INSTALLED BY LASER.
16. STORM PIPES TO BE CONNECTED OBVERT TO OBVERT WHEN DOWNSTREAM PIPE SIZE IS LARGER, OR EQUAL, TO UPSTREAM PIPE.
17. ALL SEWERS ARE TO HAVE AN UNDISTURBED BASE.

## SANITARY NOTES:

1. ALL SANITARY SEWER INSTALLATION SHALL CONFORM TO THE LATEST REVISIONS OF THE ONTARIO PROVINCIAL STANDARD DRAWINGS (OPSD), SPECIFICATIONS (OPSS), AND HALTON REGION'S WATER AND WASTEWATER LINEAR DESIGN MANUAL, AS AMENDED BY THE REGION OF HALTON.
2. ALL SANITARY MAINLINE SEWERS ARE TO BE PVC DR 35 (IN GREEN COLOUR) CONFORMING TO CSA B182.2, OPSS 1841, OPSD 806.040 AND 806.060 OR LATEST AMENDMENT UNLESS OTHERWISE NOTED
3. FOR SANITARY LATERALS, A 2.0% MINIMUM GRADE IS TO BE PROVIDED. THE COVER AT THE PROPERTY LINE SHALL BE 3.15m FOR DETACHED HOUSES AND TOWNHOUSES. WHERE THIS IS NOT ACHIEVABLE, THE SANITARY LATERAL SHALL BE INSTALLED AT THE MINIMUM 2.0% GRADE. IN NO CASE SHOULD THE COVER BE LESS TAHN 2.5m AT THE PROPERTY LINE.
4. ALL SANITARY LATERALS ARE TO BE PVC DR28, GREEN IN COLOUR, AND MARKED WITH A "2x4", EXTENDING FROM THE INVERT TO 1.0 m ABOVE GRADE PAINTED GREEN. SINGLE CONNECTIONS FOR RESIDENTIAL UNITS SHALL BE 125 mm DIA. ALL RESIDENTIAL SANITARY CONNECTIONS SHOULD BE EXTENDED 1.5m INTO LOTS/BLOCKS HORIZONTALLY.
5. SANITARY MANHOLE FRAME AND COVERS TO BE AS PER OPSD 401.010 TYPE "A" AND TO BE CAST WITH THE WORDS "DANGER" AND "SANITARY". MANHOLE COVER TO BE SET FLUSH WITH BASE COURSE ASPHALT AND ADJUSTED TO FINAL GRADE PRIOR TO INSTALLING TOP LIFT OF ASPHALT. THE TOTAL DEPTH OF ADJUSTMENT UNITS ARE TO BE A MINIMUM OF 150mm TO A MAXIMUM OF 300mm.
6. ALL MANHOLES ARE TO BE WATERPROOFED AND TESTED TO CONFIRM THAT THEY ARE WATER TIGHT. WATERPROOFING SHALL BE INSTALLED ON THE EXTERIOR OF ALL MANHOLES. WATERPROOFING SHALL BE A NON-TOXIC, NON-FLAMMABLE, FAST CURING MATERIAL TO ANSI/NSF STANDARD 61 - BARRIER MATERIALS.
7. DROP STRUCTURES SHALL BE PROVIDED WHERE THE DIFFERENCE IN ELEVATION IS GREATER THAN 1.2m IN ACCORDANCE WITH OPSD 1003.020.
8. SANITARY SEWER MANHOLES SHALL BE BENCHED TO THE PIPE OBVERT, OTHERWISE IN ACCORDANCE WITH OPSD 701.021.
9. BEDDING MATERIAL FOR PVC SANITARY PIPE SHOULD BE IN ACCORDANCE WITH OPSD-802.010, TYPE 1 OR 2 SOILS, GRANULAR "A' OR EQUIVALENT; FOR CONCRETE SANITARY PIPE, OPSD-802.030, CLASS "B", GRANULAR "A" OR EQUIVALENT, WITH GRANULAR "A" COVER. FOR BEDDING MATERIAL IN SHALE EXCAVATION, REFER TO GEOTECHNICAL REPORT FOR RECOMMENDATIONS. WHERE WATER-BEARING SILTS AND SANDS ARE PRESENT, THE PIPE JOINTS SHOULD BE LEAK-PROOF, OR WRAPPED WITH AN APPROPRIATE WATERPROOF MEMBRANE.
10. THE SANITARY SEWER CLASSES HAVE BEEN DESIGNED BASED ON BEDDING CONDITIONS SPECIFIED. ADDITIONAL BEDDING, A DIFFERENT TYPE OF BEDDING OR A HIGHER PIPE STRENGTH MAY BE REQUIRED (AT THE CONTRACTORS OWN EXPENSE) WHERE THE SPECIFIED TRENCH WIDTH IS EXCEEDED. ADDITIONALLY THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE AND BE RESPONSIBLE FOR EXTRA TEMPORARY AND/OR PERMANENT REPAIRS MADE NECESSARY BY THE WIDENED TRENCH.
11. APPROVED BACKFILL MATERIAL SHALL BE PLACED IN ACCORDANCE WITH OPSS 401, 402, AND 403. COMPACTION SOIL DENSITY TESTING SHALL BE CARRIED OUT TO ENSURE ADEQUATE COMPACTION AND STABILITY OF FILL AND TEST RESULTS SHALL BE SUBMITTED TO TOWN OF OAKVILLE AND THE REGION OF HALTON.
12. CONNECTION RISERS ARE REQUIRED WHERE THE SEWER MAIN IS 4.5m DEEP, IN ACCORDANCE WITH OPSD 1006.010

## EROSION AND SEDIMENT CONTROL NOTES:

1. ALL EROSION AND SEDIMENT CONTROLS ARE TO BE INSTALLED ACCORDING TO THE APPROVED PLANS PRIOR TO COMMENCEMENT OF ANY EARTH MOVING WORK ON THE SITE AND SHALL REMAIN IN PLACE UNTIL ALL DISTURBED AREAS ARE STABILIZED WITH THE INTENDED GROUND COVER.
2. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE ROUTINELY INSPECTED AND MAINTAINED IN PROPER WORKING ORDER AND CLEANED PERIODICALLY BY THE CONTRACTOR, AS REQUIRED.
3. ALL DAMAGED EROSION AND SEDIMENT CONTROL MEASURES SHOULD BE REPAIRED AND/OR REPLACED WITHIN 48 HOURS' NOTICE.
4. ALL CONSTRUCTION VEHICLES SHALL EXIT THE SITE VIA THE TEMPORARY CONSTRUCTION ACCESS.
5. ALL TOPSOIL STOCKPILES SHALL BE SURROUNDED WITH SEDIMENTATION CONTROL FENCING. IF TOPSOIL STOCKPILE REMAINS UNTOUCHED FOR MORE THAN 30 DAYS, THE STOCKPILE SHALL BE SEEDED.
6. AREAS THAT HAVE BEEN STRIPPED AND SIT BARE FOR MORE THAN 45 DAYS, SHOULD BE RESEEDED.
7. SEDIMENT WHICH COLLECTS IN THE TEMPORARY SEDIMENT CONTROL FACILITIES WILL BE REMOVED WHEN FACILITY IS HALF FULL.
8. SILT CONTROL FENCE TO REMAIN IN PLACE UNTIL THE WORKING AREA HAS BEEN STABILIZIED AND REVEGETATED.
9. CONTRACTOR TO INSTALL AND MAINTAIN MUD MAT AT CONSTRUCTION ACCESS IN ORDER TO PREVENT MUD TRACKING ONTO ADJACENT ROADS. MUD MAT TO BE MINIMUM 50.0m LONG AND 10.0m WIDE. THE MUD MATT SHOULD BE A MINIMUM OF 300mm THICK, THE PAD SHOULD BE UNDERLAIN WITH A GEOTEXTILE (OR GRADED AGGREGATE FILTER) AND CONSIST OF 50mm DIAMETER CLEAR STONE FOR THE FIRST 10m (EXTENDING FROM THE STREET) AND THE REMAINDER OF THE LENGTH TO CONSIST OF 150mm DIAMETER CLEAR STONE.
10. ALL REAR LOT CATCHBASINS TO BE EQUIPPED WITH SEDIMENT TRAP.
11. ALL STREET CATCHBASINS TO BE PROVIDED WITH TERRAFIX 270R OR APPROVED EQUIVALENT UNDER GRATE, TO BE KEPT IN PLACE UNTIL SITE IS STABILIZED.
12. CONTRACTOR TO CLEAN ADJACENT ROADS ON A REGULAR BASIS OF THE SATISFACTION OF THE AFFECTED AUTHORITY.
13. SEDIMENT BASIN TO BE CONSTRUCTED UNDER THE SUPERVISION OF THE PROJECT GEOTECHNICAL CONSULTANT.
14. THE LOCATION AND ELEVATION OF ALL EXISTING SERVICES AND UTILITIES ARE TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR AT THEIR EXPENSE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RESTORATION AND/OR REPAIR OF EXISTING UTILITIES DISTURBED DURING CONSTRUCTION.
15. WASH DOWN AREA TO BE PROVIDED DURING CONSTRUCTION AS REQUIRED.ALL CONCRETE WASH WATER STATIONS ARE TO BE LOCATED AT LEAST 50 METERS FROM THE NHS/ JC-31.
16. EQUIPMENT AND MACHINERY SHALL NOT ENTER OR CROSS ANY WATERCOURSES FOR ANY REASON AND CONCRETE WASH WATER STATIONS SHALL BE LOCATED AT LEAST 50 METERS AWAY FROM ALL WATERCOURSES.
17. ALL DITCHES ON REGIONAL ROADWAYS ARE TO HAVE SILT CONTROL MEASURES PROVIDED AND MAINTAINED AS DIRECTED BY THE REGION OF HALTON.
18. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE "OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS." THE GENERAL CONTRACTOR SHALL BE DESIGNATED AS THE CONSTRUCTOR AS IN THE ACT.
19. ALL WORKS TO BE IN ACCORDANCE WITH THE TOWN OF OAKVILLE'S BY-LAW #2023-047.
20. CONCRETE WASH WATER STATIONS SHALL BE LOCATED AT LEAST 50m AWAY FROM ALL WATERCOURSES AND PONDS.
21. DURING CONSTRUCTION THE FREQUENCY FOR EROSION AND SEDIMENT CONTROL INSPECTIONS BY THE PROJECT ENVIRONMENTAL CONSULTANT SHOULD BE COMPLETED AS FOLLOWS:
    A. ON A WEEKLY BASIS.
    B. PRIOR TO PREDICTED SIGNIFICANT RAINFALL OR SNOWMELT EVENTS.
    C. SUBSEQUENT TO SIGNIFICANT RAIN EVENTS OR SNOWMELTS.
    D. DAILY DURING EXTENDED RAIN OR SNOWMELT PERIODS.
    E. DURING INACTIVE CONSTRUCTION PERIODS, WHERE THE SITE IS LEFT ALONE FOR 30 DAYS OR LONGER, A MONTHLY INSPECTION CAN BE CONDUCTED.
22. WHERE A SITE REQUIRES DEWATERING AND WHERE THE EXPELLED WATER CAN BE FREELY RELEASED TO A SUITABLE RECEIVER, THE EXPELLED WATER SHALL BE TREATED TO CAPTURE SUSPENDED PARTICLES GREATER THAN 40 MICRON IN SIZE. THE CAPTURED SEDIMENT SHALL BE DISPOSED OF PROPERLY PER MOECC GUIDELINES. THE CLEAN EXPELLED WATER SHALL FREELY RELEASE TO A SUITABLE RECEIVER THAT DOES NOT CREATE DOWNSTREAM ISSUES INCLUDING BUT NOT LIMITED TO EROSION, FLOODING - NUISANCE OR OTHERWISE, INTERFERENCE ISSUES, ETC.
23. EXISTING STORM SEWER AND DRAINAGE DITCHES ADJACENT TO THE WORKS SHALL BE PROTECTED AT ALL TIMES FROM THE ENTRY OF SEDIMENT/SILT THAT MAY MIGRATE FROM THE SITE. FOR STORM SEWERS: ALL INLETS (REAR LOT CATCH BASINS, ROAD CATCH BASINS, PIPE INLETS, ETC.) MUST BE SECURED/FITTED WITH SILTATION CONTROL MEASURES. FOR DRAINAGE DITCHES: THE INSTALLATION OF ROCK CHECK DAMS, SILTATION FENCE, SEDIMENT CONTAINMENT DEVICES MUST BE INSTALLED TO TRAP AND CONTAIN SEDIMENT.

## WATER NOTES:

1. ALL WATERMAIN INSTALLATION SHALL CONFORM TO THE LATEST REVISIONS OF THE ONTARIO PROVINCIAL STANDARD DRAWINGS (OPSD), SPECIFICATIONS (OPSS), AND HALTON REGION'S WATER AND WASTEWATER LINEAR DESIGN MANUAL, AS AMENDED BY THE REGION OF HALTON.
2. WATERMAIN MATERIAL AND FITTINGS ARE TO BE PVC DR-18 CL-235 AS PER AWWA C-900, C-905 & C-907.
3. A SOLID 10 GAUGE TWU COPPER WIRE SHALL BE INSTALLED ALONG THE TOP OF THE NON-METALLIC PIPE, STRAPPED TO THE PIPE AT 6 m INTERVALS. THE WIRE SHALL BE INSTALLED BETWEEN EACH VALVE AND/OR THE END OF THE NEW PVC WATERMAIN. JOINTS IN THE WIRE BETWEEN VALVES ARE NOT PERMITTED. AT EACH VALVE, A LOOP OF WIRE IS TO BE BROUGHT UP OUTSIDE THE VALVE BOX TO THE TOP OF THE BOX AS PER HALTON STANDARD DRAWING RH 406.010.
4. ALL WATER SERVICES ARE TO BE 25mm DIA. TYPE K SOFT COPPER FOR RESIDENTIAL DWELLINGS AND 25mm DIA. TYPE K SOFT COPPER FOR INDUSTRIAL AND COMMERCIAL PREMISES AS PER OPSD 1104.010 AND 1104.020 UNLESS OTHERWISE SPECIFIED. WATER SERVICES SHALL BE MARKED WITH A "2x4", EXTENDING FROM THE INVERT TO 1.0 m ABOVE GRADE PAINTED BLUE. ALL WATER SERVICES SHALL BE PROVIDED WITH A MAIN STOP, CURB STOP AND SERVICE BOX AT THE PROPERTY LINE. VALVE BOX STEM EXTENSION RODS ARE TO BE USED ON WATER SERVICES UP TO AND INCLUDING 25 mm.
5. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY CAPS, PLUGS AND BLOW-OFFS REQUIRED FOR TESTING THE WATERMAIN.
6. MAXIMUM ALLOWABLE PIPE JOINT DEFLECTION OF THE WATERMAIN SHALL BE 50% OF THE MANUFACTURER'S SPECIFICATIONS. PIPE BARREL DEFLECTION IS STRICTLY PROHIBITED.
7. CORROSION PROTECTION IS REQUIRED FOR ALL METALLIC PIPE, VALVES, FITTINGS, SERVICES AND HYDRANTS. ALL SACRIFICIAL ANODES SHALL CONFORM TO ASTM B-418 TYPE II AND SHALL BE MADE OF HIGH GRADE ELECTROLYTIC ZINC, 99.99% PURE.
8. VALVE CHAMBER AND COVERS TO BE AS PER OPSD 402.010 AND TO BE CAST WITH THE WORDS "DANGER" AND "WATER". COVERS ARE TO BE SET FLUSH WITH BASE COURSE ASPHALT AND ADJUSTED TO FINAL GRADE PRIOR TO INSTALLING TOP LIFT OF ASPHALT
9. WATERMAIN BEDDING SHALL BE IN ACCORDANCE WITH OPSD 802.010, 802.013 OR 802.014 UNLESS OTHERWISE SPECIFIED. BEDDING AND COVER MATERIAL SHALL BE SPECIFIED BY PROJECT GEOTECHNICAL ENGINEER TO THE SATISFACTION OF THE REGION OF HALTON, WITH A MINIMUM REQUIREMENT OF GRANULAR "A" BEDDING CONFORMING TO OPSS MUNI. 401. FOR BEDDING MATERIAL IN SHALE EXCAVATION, REFER TO GEOTECHNICAL RECOMMENDATIONS.
10. APPROVED BACKFILL MATERIAL SHALL BE PLACED IN ACCORDANCE WITH OPSS 401, 402, AND 403. COMPACTION SOIL DENSITY TESTING SHALL BE CARRIED OUT TO ENSURE ADEQUATE COMPACTION AND STABILITY OF FILL AND TEST RESULTS SHALL BE SUBMITTED TO THE TOWN OF OAKVILLE AND REGION OF HALTON.
11. WATERMAIN AND WATER SERVICES INSTALLED WITHIN 2.5 m FROM A CATCHBASIN OR MANHOLE SHALL BE INSULATED TO THE SATISFACTION OF THE REGION OF HALTON.
12. WATERMAINS AND WATER SERVICES SHALL BE INSTALLED WITH A MINIMUM DEPTH OF COVER OF 1.7 METERS.
13. WATERMAINS SHALL BE LAID WITH AT LEAST 2.5m HORIZONTAL SEPARATION FROM ANY SEWERS OR SEWER MANHOLES. UNDER UNUSUAL CONDITIONS, WHERE CONGESTION WITH OTHER UTILITIES WILL PREVENT A CLEAR HORIZONTAL SEPARATION OF 2.5m, A WATERMAIN MAY BE LAID CLOSER TO A SEWER, PROVIDED THAT THE VERTICAL SEPARATION OF THE SEWER IS AT LEAST 0.5m BELOW THE WATERMAIN. ALL DISTANCES SHALL BE MEASURED FROM THE NEAREST EDGES OR OUTSIDE SURFACES, WHERE NEITHER HORIZONTAL OR VERTICAL CLEARANCE CAN BE PHYSICALLY ACHIEVED, WHERE APPLICABLE, THE SEWER MAIN SHALL BE CONSTRUCTED WITH JOINTS THAT ARE EQUIVALENT TO WATERMAIN STANDARDS OF CONSTRUCTION.
14. MINIMUM SEPARATION/CLEARANCE SHALL BE 150mm WHERE WATERMAINS CROSS OVER MAINLINE SEWERS AND LATERALS AND 500mm WHERE THE WATERMAIN CROSSES UNDER (THE DISTANCE SHALL BE MEASURED FROM THE NEAREST EDGES OR OUTSIDE SURFACES). IF THE MINIMUM COVER OF THE WATERMAIN OR WATER SERVICE CONNECTION CANNOT BE OBTAINED AS A RESULT OF THE WATERMAIN OR WATER SERVICE CONNECTION CROSSING ABOVE THE SEWER, THE WATERMAIN OR WATER SERVICE CONNECTION SHALL BE CONSTRUCTED UNDER THE SEWER OR INSULATED FOR ITS ENTIRE LENGTH USING PRE-INSULATED PIPE UNTIL THE MINIMUM DEPTH (1.7m) IS OBTAINED. WHEN CROSSING OVER A STORM SEWER THE STORM SEWER MUST ALSO BE INSULATED WITH MINIMUM 100mm EXTRUDED FOAM (HI 100) INSULATION, REFER TO HALTON REGION STANDARD DRAWING RH 408.020 & 408.030.
15. ALL SERVICES TAPPING TO EXISTING MAINS ARE TO BE DONE BY THE REGIONAL FORCES. CONNECTIONS ARE NOT TO BE MADE TO THE EXISTING MAIN UNTIL THE NEW MAIN IS COMPLETED, TESTED, SWABBED AND DISINFECTED.
16. NO WATERMAIN OR APPURTENANCE SHALL BE PLACED ON PREVIOUSLY EXCAVATED SOIL UNLESS PROPER ENGINEERED SUPPORT IS IN PLACE TO THE SATISFACTION OF THE REGION AND THE PROJECT GEOTECHNICAL ENGINEER.
17. REGIONAL MUNICIPALITY OF HALTON APPROVED MECHANICAL RESTRAINT JOINTS ARE TO BE USED ON ALL BENDS, ALL PIPES AND FITTINGS IN FILL SECTIONS, ALL VALVE CHAMBERS, AND ALL PLUGS, CAPS, HYDRANTS, TEES, BRANCH CONNECTIONS, LINE VALVES AND HORIZONTAL BENDS WHERE DISTURBED SOIL IS ENCOUNTERED.
18. MINIMUM COVER OVER HYDRANT LATERAL SHALL BE 1.7m. IF A HYDRANT MAIN VALVE SEAT EXCEEDS 1.7m, A SUITABLE HYDRANT BOTTOM EXTENSION MUST BE USED AND PLACED BETWEEN BOOT AND HYDRANT BARREL - REFER TO HALTON REGION STANDARD DRAWING RH 407.010
19. ALL HYDRANTS REQUIRE STORZ PUMPER CONNECTIONS
    1) TWO (2) 63.5 mm (2 1/2") WITH CSA STANDARD THREAD, 63.5 mm I.D., 79.4 mm O.D., 5 THREADS PER 25 mm, 31.75 mm SQUARE OPERATING NUT; AND
    2) ONE (1) 100 mm (4") STORZ PUMPER CONNECTION AS PER CAN/ULC #S-520, 31.75 mm SQAURE OPERATING NUT, AND STORZ CAP PAINTED GLOSS BLACK
20. HYDRANTS SHALL BE MANUFACTURED IN ACCORDANCE WITH AWWA C502 AND SHALL HAVE STEAMER PORTS AS PER REGION STANDARD SPECIFICATIONS. ALL HYDRANTS SHALL BE INSTALLED AS PER OPSD 1105.010, AS AMENDED BY THE REGION OF HALTON STANDARD DRAWING RH 407.010.
21. FIRE HYDRANTS SHALL BE INSTALLED WITH BREAK-OFF FLANGE SET 0mm TO 50mm ABOVE FINISHED GRADE. ALL HYDRANT LATERALS SHALL HAVE A 150mm SECONDARY VALVE, VALVE BOX AND ANCHOR TEE.
22. MINIMUM SEPARATION DISTANCE FROM THE EDGE OF DRIVEWAY TO THE FACE OF THE FIRE HYDRANT SHALL BE 1.0m.
23. VALVE CHAMBER SHALL BE PRECAST CONCRETE CHAMBER AS PER REGION STD. RH.402.020, OR RH.402.080. THREE VALVES ARE REQUIRED AT A TEE INTERSECTION AND FOUR VALVES ARE REQUIRED AT A CROSS INTERSECTION UNLESS OTHERWISE NOTED.
24. LINE VALVES SHALL BE THE SAME SIZE AS WATERMAIN COMPLETED WITH VALVE BOX AND EXTENSION.
25. RESILIENT SEAT GATE VALVES CONFORMING TO AWWA C509 OR C515 (LATEST REVISION) MAY BE USED FOR WATERMAINS 400mm DIA. AND SMALLER. RESILIENT SEAT GATE VALVES CONFORMING TO AWWA C515 (LATEST REVISION) SHALL BE USED FOR WATERMAINS LARGER THAN 400mm.
26. CATCH BASIN LEADS TO BE INSTALLED UNDER WATERMAIN WITH MINIMUM 0.15m CLEARANCE WHERE CROSSING WATERMAIN.
27. ALL WATERMAINS WILL BE SUBJECT TO PRESSURE TESTING AND FIRE FLOW TESTING AS DIRECTED BY HALTON REGION.
28. ALL WATER CUSTOMERS SUPPLIED BY A WATERMAIN TO BE SHUT DOWN SHALL BE NOTIFIED BY THE CONTRACTOR AT LEAST 48 HOURS IN ADVANCE OF THE SHUT DOWN AS PER REGION OF HALTON SPECIFICATIONS. NOTIFICATION SHALL TAKE PLACE UNDER THE ENGINEER'S DIRECTION.
29. WATER SERVICE CURB BOXES ARE TO HAVE STAINLESS STEEL RODS AND STAINLESS STEEL COTTER PINS.
30. WATER SERVICES CROSSINGS SEWERS ≥600mm TO BE PREINSULATED AS REQUIRED AS PER LDM 2.6.6.(b)iii; 2.9.17. AND RH 408.020.
31. ALL LOTS TO BE PROVIDED WITH PRESSURE REDUCING VALVES REFER TO WATERMAIN REPORT BY GEOADVICE FOR DETAIL.
32. AIR RELEASE VALVES TO BE INSTALLED AS PER HALTON STANDARD DRAWINGS RH.404.010, RH.404.011, AND RH.404.012.

## ROADWORK NOTES:

1. ALL TOPSOIL AND ORGANIC MATERIAL SHALL BE STRIPPED WITHIN THE ROAD ALLOWANCE PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
2. ROAD SUBDRAINS SHALL BE IN ACCORDANCE WITH TOWN OF OAKVILLE STD. 6-2.
3. ALL CURB AND GUTTER SHALL BE IN ACCORDANCE WITH OPSD 600.040 AND TOWN OF OAKVILLE STD. 6-1 (TWO STAGE CURB), TWO STAGE FRONTING RESIDENTIAL LOTS/UNITS UNLESS OTHERWISE NOTED. OPSD 600.060 MODIFIED TO TWO STAGE SHALL BE PROVIDED FOR LANEWAYS. CURB DEPRESSIONS ARE REQUIRED AT EACH DRIVEWAY APRON AND AT EACH INTERSECTION AND PEDESTRIAN CROSSING TO ACCOMMODATE WHEELCHAIR ACCESS RAMP, EXCEPT WHERE OPSD 600.060 IS APPLIED.
4. MINIMUM CURB GRADE TO BE 0.5% INCLUDING ON CUL-DE-SAC BULBS AND OUTSIDE ROAD ELBOWS.
5. CONCRETE SIDEWALK SHALL BE IN ACCORDANCE WITH OPSD 310.010 AND OPSD 310.030.
6. MAXIMUM DRIVEWAY SLOPE NOT TO EXCEED 7%.
7. PRIOR TO PLACEMENT OF GRANULAR MATERIAL, THE SUBGRADE MATERIAL MUST BE PROOF-ROLLED IN THE PRESENCE OF THE TOWN'S REPRESENTATIVES AND GEOTECHNICAL CONSULTANT.
8. CONCRETE WALKWAY SHALL BE IN ACCORDANCE WITH TOWN OF OAKVILLE STD. 6-4,
9. PAVEMENT DESIGN TYPE

LOCAL ROADS AND LANEWAYS - 17.0m ROW (POLLY DRIVE)
- 40mm HL-3 ASPHALT CONCRETE
- 50mm HL-8 ASPHALT CONCRETE
- 150mm GRANULAR "A" BASE
- 350mm GRANULAR "B" SUB-BASE

RESIDENTIAL DRIVEWAY
- 75mm OF HL-3A CONFORMING TO OPSS
- 150mm OF 19mm CRUSHER-RUN LIMESTONE

RESIDENTIAL DRIVEWAY APRON BETWEEN SIDEWALK AND CURB (TOWN STD. 10-3)
- 180mm CONCRETE-32MPA, TYPE C2
- 150mm OF 19mm CRUSHER-RUN LIMESTONE

## GEOTECHNICAL REPORT/MEMO:

REFER TO:
- CONSOLIDATED REPORT ON GEOTECHNICAL INVESTIGATION NO. TT53094, DATED SEPTEMBER 18, 2007 BY AMEC AMERICAS LIMITED.

INFORMATION PRESENTED ON THESE DRAWINGS HAS BEEN INTERPOLATED FROM THE GEOTECHNICAL REPORTS AND ACCURACY IS NOT GUARANTEED. CONTRACTORS ARE ADVISED TO READ THE GEOTECHNICAL REPORTS AND ASSUME THEIR OWN CONCLUSIONS. GEOTECHNICAL CONSULTANT MAY PROPOSE A MODIFIED BEDDING TO ADDRESS WET CONDITIONS TO THE SATISFACTION OF THE TOWN.

## SUMP PUMP NOTES:

1. ALL DWELLINGS SHALL BE PROVIDED WITH SUMP PUMPS, UNLESS OTHERWISE NOTED, TO THE SATISFACTION OF THE TOWN OF OAKVILLE. SEE DETAIL ON DWG. 8.
2. SPLASH PADS SHALL BE PROVIDED AT THE SUMP PUMP OUTLET WHERE DISCHARGE IS TO GRADE.

## ENGINEERED / TRENCH BACK FILL:

ALL ENGINEERED FILL AND TRENCH BACK FILL SHOULD BE PREPARED ACCORDING TO THE RECOMMENDATIONS PROVIDED IN GEOTECHNICAL REPORT. PLACEMENT OF ENGINEERED FILL, PIPE BEDDING AND BACKFILL OF TRENCHES SHOULD BE INSPECTED BY A GEOTECHNICAL ENGINEER, INCLUDING FOUNDATION SUBGRADE, SLOPES AND EXCAVATIONS.

SEE CONSOLIDATED REPORT ON GEOTECHNICAL INVESTIGATION NO. TT53094, DATED SEPTEMBER 18, 2007 BY AMEC AMERICAS LIMITED.

## GRADING NOTES:

1. DRIVEWAYS SHALL BE GRADED AT MINIMUM OF 1.0% AND MAXIMUM OF 7.0% SLOPE.
2. ALL DOWNSPOUTS SHALL DISCHARGE ONTO APPROVED SODDED AREAS USING SPLASH PADS FOR EROSION CONTROL.
3. ALL YARD SURFACES FRONT AND REAR SHALL HAVE A MINIMUM SLOPE OF 2.0%.
4. REAR YARDS ARE TO HAVE A MAXIMUM GRADE OF 5.0% FOR A MINIMUM APRON LENGTH OF 5.0m DISTANCE FROM THE REAR FACE OF THE DWELLING. ALL YARDS TO BE SODDED WITH 300mm THICK TOPSOIL.
5. THERE SHALL BE A 0.6m WIDE PATH AT A 2.0% SLOPE AWAY FROM THE FOUNDATION AROUND ONE SIDE OF THE BUILDING.
6. ALL AREAS BEYOND THE PLAN OF SUBDIVISION, WHICH ARE DISTURBED DURING CONSTRUCTION, SHALL BE RESTORED TO THE SATISFACTION OF THE AUTHORITIES HAVING JURISDICTION.
7. SHOULD DEEPLY BURIED ARCHAEOLOGICAL REMAINS BE FOUND ON THE PROPERTY DURING CONSTRUCTION ACTIVITIES, THE HERITAGE OPERATIONS UNIT OF THE ONTARIO MINISTRY CULTURE SHOULD BE NOTIFIED IMMEDIATELY.
8. PRIOR TO THE COMMENCEMENT OF SITE GRADING WORKS, ALL SILTATION CONTROL DEVICES SHALL BE INSTALLED AND OPERATIONAL. THE CONTRACTOR SHALL MAINTAIN ALL WORKS UNTIL SERVICING CONSTRUCTION IS COMPLETED TO THE SATISFACTION OF THE ENGINEER AND THE TOWN OF OAKVILLE.
9. SILT CONTROL FENCE TO REMAIN IN PLACE UNTIL THE WORKING AREA HAS BEEN STABILIZED AND REVEGETATED.
10. BUILDINGS DENOTED AS REQUIRING ENGINEERED FILL (E.F) ARE ESTIMATED IN RELATION TO THE TOPOGRAPHIC SURVEY INFORMATION NOTED ON THE DRAWINGS, AND ARE PROVIDED FOR REFERENCE ONLY. FINAL E.F REQUIREMENTS ARE TO BE DETERMINED ONSITE BY PROJECT GEOTECHNICAL CONSULTANT. E.F SHOWN ON THE PLANS INDICATE THAT FILL IS REQUIRED, BELOW AND UP TO 0.5m ABOVE THE ASSUMED UNDER SIDE OF FOOTING WITHIN THE BUILDING ENVELOPE.

## SPILLS CONTROL NOTES:

1. ALL CONSTRUCTION ACTIVITIES, INCLUDING MAINTENANCE PROCEDURES, WILL BE CONTROLLED TO PREVENT THE ENTRY OF DEBRIS, SEDIMENTS, OR OTHER DELETERIOUS PRODUCTS TO ANY ENVIRONMENTALLY SENSITIVE AREAS.
2. ALL CONSTRUCTION EQUIPMENT SHALL BE REFUELED, MAINTAINED AND STORED NO LESS THAN 30 METERS FROM WATERCOURSES, STREAM, CREEKS, WOODLOTS, WETLANDS AND ANY ENVIRONMENTALLY SENSITIVE AREAS, OR AS OTHERWISE SPECIFIED.
3. ALL CONTRACTORS MUST IMPLEMENT ALL NECESSARY MEASURES IN ORDER TO PREVENT LEAKS, DISCHARGES OR SPILLS OF POLLUTANTS, DELETERIOUS, MATERIALS, OR OTHER SUCH MATERIALS OR SUBSTANCES WHICH WOULD OR COULD CAUSE AN ADVERSE IMPACT TO THE NATURAL ENVIRONMENT.
4. IN THE EVENT OF A LEAK, DISCHARGE, OR SPILL OF A POLLUTANT, DELETERIOUS MATERIAL, OR OTHER SUCH MATERIAL OR SUBSTANCE WHICH WOULD OR COULD CAUSE AN ADVERSE IMPACT TO THE NATURAL ENVIRONMENT, THE CONTRACTOR SHALL:
    a. IMMEDIATELY NOTIFY THE MINISTRY OF ENVIRONMENT (SPILL ACTION CENTER) AT 1-800-268-6060.
    b. TAKE IMMEDIATE MEASURES TO CONTAIN THE MATERIAL OR SUBSTANCE, AND TO TAKE SUCH MEASURES AS THEY DEEM APPROPRIATE TO MITIGATE AGAINST ANY ADVERSE IMPACTS TO THE NATURAL ENVIRONMENT.
    c. RESTORE THE AFFECTED AREA TO ORIGINAL CONDITION OR BETTER, ALL TO THE SATISFACTION OF THE AUTHORITIES HAVING JURISDICTION.
    d. ADDITIONALLY, IMMEDIATELY NOTIFY THE TOWN OF THE INCIDENT.

# LIST OF DRAWINGS


| No. | DRAWINGS | DESCRIPTION |
|---|---|---|
| 1 | GENERAL NOTES | |
| 2 | ABOVEGROUND GENERAL PLAN | |
| 3 | UNDERGROUND GENERAL PLAN | |
| 4 | GRADING PLAN | |
| 5 | SANITARY DRAINAGE PLAN | |
| 6 | STORM DRAINAGE PLAN | |
| 7 | POLLY DRIVE | STA. 0+-000.000 TO STA. 0+105.000 |
| 8 | DETAIL SHEET | . |
| CUP-1 | COMPOSITE UTILITY PLAN | |
| ESC-1 | EROSION & SEDIMENT CONTROL PLAN | |
| ESC-2 | EROSION & SEDIMENT CONTROL DETAILS | |


## TOPOGRAPHIC INFORMATION

TOPOGRAPHIC INFORMATION PROVIDED BY RADY-PENTEK & EDWARD SURVEYING LTD.: JOB No. 16-146, TOPOGRAPHIC SURVEY DATED ON JULY 5, 2016 AND DATED JULY 20, 2016.
MARSHALL MACKLIN MONAGHAN ONTARIO LTD., JOB NO 20-05052-00-000, TOPOGRAPHIC SURVEY DATED JUNE 11, 2005 TO JULY 21, 2005.

## LEGAL INFORMATION

CONCEPT PLAN PROVIDED BY KORSIAK URBAN PLANNING LTD., DATED DECEMBER 13, 2024.

## BENCHMARK NOTE

ELEVATIONS ARE GEODETIC AND ARE REFERRED TO MINISTRY OF TRANSPORTATION ONTARIO FIRST-ORDER VERTICAL BENCH MARK NUMBER 00819818114 HAVING AN ORTHOMETRIC ELEVATION OF 188.594 METRES. ELEVATIONS ARE REFERENCED TO THE CANADIAN GEODETIC VERTICAL DATUM OF 1928, 1978 ADJUSTMENT (CGVD-1928:1978).
STEEL ROD WITH BRASS CAP BENCH MARK ON NORTH SIDE OF BURNHAMTHORPE RD, 138.7 M EAST OF THE JCT OF BURNHAMTHORPE RD AND SIXTH LINE RD IN OAKVILLE, AND 9.2 M NORTH OF CENTRELINE OF BURNHAMTHORPE RD. BENCH MARK IS SET 1.1 M SOUTH OF NORTH RIGHT-OF -WAY FENCE OF BURNHAMTHORPE RD AND IS MARKED BY A STEEL MARKER 46 CM EAST OF BENCH MARK.

# NOT FOR CONSTRUCTION

| No. | DATE | BY | |
|---|---|---|---|
| 1. | 26-07-06 | C.Y. | 1st SUBMISSION |

| | | | |
|---|---|---|---|
| DESIGNED BY: | D.A. | CHECKED BY: | C.Y. |
| DRAWN BY: | A.C. | CHECKED BY: | C.Y. |

DATE: JULY 2026

SCALE

REFERENCES

FIELD NOTES

BELL ☐ HYDRO ☐ GAS ☐ CABLE ☐ TRAFFIC ☐ WATER ☐

APPROVALS

MUNICIPAL APPROVAL

APPROVED IN PRINCIPLE SUBJECT TO DETAIL CONSTRUCTION CONFORMING TO TOWN OF OAKVILLE STANDARDS AND SPECIFICATIONS

MANAGER OF DEVELOPMENT SERVICES DATE

REGIONAL APPROVAL

APPROVED DESIGN OF SANITARY, WATER SERVICES AND REGIONAL ROAD WORKS SUBJECT TO DETAIL CONSTRUCTION CONFORMING TO HALTON REGION STANDARDS & SPECIFICATIONS & LOCATIONAL APPROVAL FROM AREA MUNICIPALITY

DEVELOPMENT SERVICES, PUBLIC WORKS DATE

STAMP

LICENSED PROFESSIONAL ENGINEER
Kaya Yuan
C. YUAN
100598347
2026-07-06
PROVINCE OF ONTARIO


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600 Alden Road, Suite 606
Markham, Ontario, L3R 0E7
Tel. (905) 475-3080
Fax. (905) 475-3081
www.DSEL.ca


MUNICIPALITY
OAKVILLE
DEVELOPMENT SERVICES

REGION
The Regional Municipality of Halton

DEVELOPER
REMINGTON GROUP

PROJECT
PRESERVE BLOCK 301
(275 POLLY DRIVE)

TITLE
GENERAL NOTES

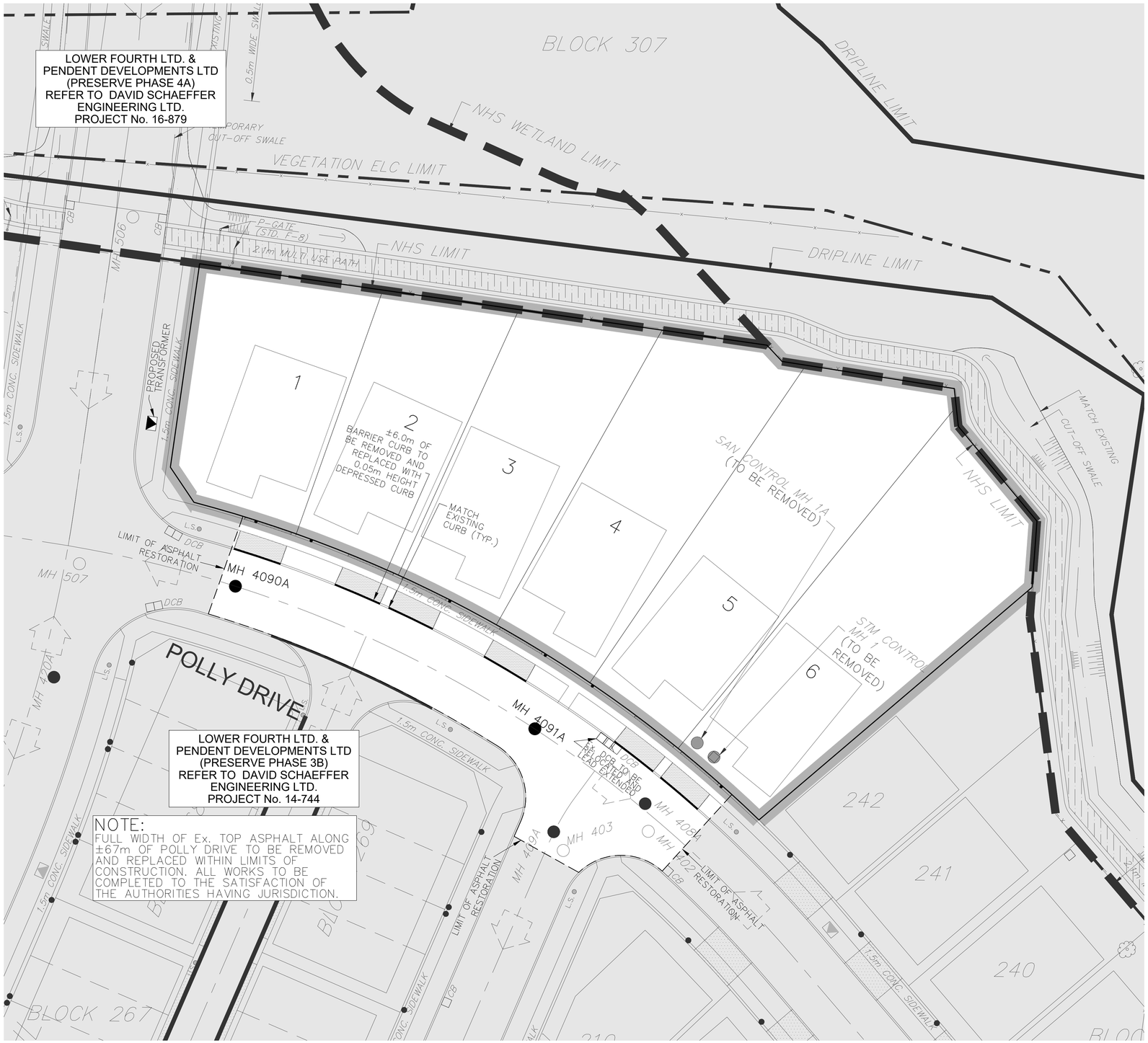

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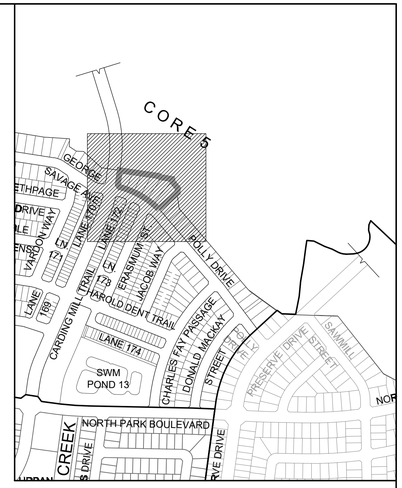

MUNICIPAL FILE NO. 24T-XXXX

REGIONAL FILE NO. DO-XXXX

PROJECT NO. 21-1227

SHEET 1




## TOPOGRAPHIC INFORMATION

TOPOGRAPHIC INFORMATION PROVIDED BY RADY-PENTEK & EDWARD SURVEYING LTD.: JOB No. 16-146, TOPOGRAPHIC SURVEY DATED ON JULY 5, 2016 AND DATED JULY 20, 2016.
MARSHALL MACKLIN MONAGHAN ONTARIO LTD., JOB NO 20-05052-00-000, TOPOGRAPHIC SURVEY DATED JUNE 11, 2005 TO JULY 21, 2005.

## LEGAL INFORMATION

CONCEPT PLAN PROVIDED BY KORSIAK URBAN PLANNING LTD., DATED DECEMBER 13, 2024.

## BENCHMARK NOTE

ELEVATIONS ARE GEODETIC AND ARE REFERRED TO MINISTRY OF TRANSPORTATION ONTARIO FIRST-ORDER VERTICAL BENCH MARK NUMBER 0081981814 HAVING AN ORTHOMETRIC ELEVATION OF 188.594 METRES. ELEVATIONS ARE REFERENCED TO THE CANADIAN GEODETIC VERTICAL DATUM OF 1928, 1978 ADJUSTMENT (CGVD-1928:1978).
STEEL ROD WITH BRASS CAP BENCH MARK ON NORTH SIDE OF BURNHAMTHORPE RD., 138.7 M. EAST OF THE JCT OF BURNHAMTHORPE RD AND SIXTH LINE RD IN OAKVILLE, AND 9.2 M NORTH OF CENTRELINE OF BURNHAMTHORPE RD. BENCH MARK IS SET 11 M SOUTH OF NORTH RIGHT-OF-WAY FENCE OF BURNHAMTHORPE RD AND IS MARKED BY A STEEL MARKER 46 CM EAST OF BENCH MARK.

## NOT FOR CONSTRUCTION

## NOTES:

1. ALL EXISTING BUILDINGS, POST & WIRE FENCE, TREES, UTILITY POLES, CULVERTS AND RETAINING WALLS, ETC. WITHIN LOTS AND BLOCKS TO BE REMOVED, UNLESS OTHERWISE NOTED
2. EXISTING MH AND CB COVERS, WATER V&Bs, WATER V&Cs AND UTILITY PEDESTALS ETC. TO BE ADJUSTED WITHIN NEW ROADWAYS AND BOULEVARDS, WHERE APPLICABLE
3. CONTRACTOR TO VERIFY THE PRECISE LOCATIONS AND INVERT ELEVATIONS OF Ex. UNDERGROUND SERVICES AND Ex. UTILITIES PRIOR TO STARTING CONSTRUCTION
4. ANY DISTURBED AREA DURING CONSTRUCTION TO BE RESTORED TO THE ORIGINAL CONDITION OR BETTER TO THE SATISFACTION OF THE AUTHORITIES HAVING JURISDICTION
5. WRITTEN PERMISSION REQUIRED FOR WORK ON ADJACENT LANDS
6. WORKS WITHIN THE CH REGULATION LIMIT WILL REQUIRE A PERMIT FROM CONSERVATION HALTON UNDER ONTARIO REGULATION 162/06
7. ALL VALVES TO BE CAST IRON EPOXY COATED
8. ALL UNITS TO BE PROVIDED WITH SUMP PUMPS, UNLESS OTHERWISE NOTED. SEE DWG. 8 FOR DETAIL
9. ALL WORKS AND MATERIALS SHALL CONFORM TO THE LATEST REVISIONS OF THE STANDARDS AND SPECIFICATIONS OF THE TOWN OF OAKVILLE, THE REGION OF HALTON AND ONTARIO PROVINCIAL STANDARD DRAWINGS (OPSD), SPECIFICATIONS (OPSS), AND HALTON REGION'S WATER AND WASTEWATER LINEAR DESIGN MANUAL, AS AMENDED BY THE TOWN OF OAKVILLE AND THE REGION OF HALTON.

## LEGEND

- STORM MANHOLE
- SANITARY MANHOLE
- SANITARY MANHOLE BY OTHERS
- WATER CONNECTION
- HYDRANT
- VALVE & BOX
- VALVE & CHAMBER
- SINGLE CATCHBASIN
- DOUBLE CATCHBASINS
- COMMUNITY MAILBOX AND PAD LOCATION (WITH SIDEWALK)
- E10X-ENG-08 (1) – ONE MODULE (2) – TWO MODULES (3) – THREE MODULES
- TEMPORARY MAILBOX
- 1.2m HIGH DECORATIVE FENCE (SEE LANDSCAPE DWG FOR DETAIL)
- 1.2m HIGH BLACK VINYL CHAIN LINK FENCE (SEE LANDSCAPE DWG FOR DETAIL)
- 1.8m HIGH BLACK VINYL CHAIN LINK FENCE (SEE LANDSCAPE DWG FOR DETAIL)
- 1.8m HIGH WOOD PRIVACY FENCE (SEE LANDSCAPE DWG FOR DETAIL)
- RETAINING WALL (SEE NOTES ON DWG 1 & STRUCTURAL DWG FOR DETAIL)
- PROPOSED OVERLAND FLOW DIRCTION
- EXTERNAL OVERLAND FLOW DIRECTION
- SLAB ON GRADE BLOCKS/UNITS DRIVEWAY WITH CONCRETE APRON (TOWN STD 10-3)
- PHASE LINE
- NOT PART OF APPLICATION
- TREES TO BE PRESERVED (WITHIN OR ADJACENT TO LIMIT OF SUBDIVISION)
- TREES TO BE REMOVED (WITHIN OR ADJACENT TO LIMIT OF SUBDIVISION)
- TREE PROTECTION FENCE
- TACTILE WALKING SURFACE INDICATOR WITH BLACK ASPHALT DIP FINISH (OPSD-310.033 & OPSD-310.039)

| No. | DATE | BY | |
|---|---|---|---|
| 1. | 26-07-06 | C.Y. | 1st SUBMISSION |

| | | | |
|---|---|---|---|
| DESIGNED BY: | D.A. | CHECKED BY: | C.Y. |
| DRAWN BY: | A.C. | CHECKED BY: | C.Y. |

SCALE HORIZ. 1:250 (0, 2.5, 5, 7.5, 10)

DATE JULY 2026

REFERENCES

FIELD NOTES

### APPROVALS

MUNICIPAL APPROVAL

APPROVED IN PRINCIPLE SUBJECT TO DETAIL CONSTRUCTION CONFORMING TO TOWN OF OAKVILLE STANDARDS AND SPECIFICATIONS

MANAGER OF DEVELOPMENT SERVICES — DATE

REGIONAL APPROVAL

APPROVED DESIGN OF SANITARY, WATER SERVICES AND REGIONAL ROAD WORKS SUBJECT TO DETAIL CONSTRUCTION CONFORMING TO HALTON REGION STANDARDS & SPECIFICATIONS & LOCATIONAL APPROVAL FROM AREA MUNICIPALITY

DEVELOPMENT SERVICES, PUBLIC WORKS — DATE

BELL ☐ HYDRO ☐
GAS ☐ CABLE ☐
TRAFFIC ☐ WATER ☐

STAMP: LICENSED PROFESSIONAL ENGINEER, Kaya Yuan, C. YUAN, 100598347, PROVINCE OF ONTARIO

DSEL
600 Alden Road, Suite 606
Markham, Ontario, L3R 0E7
Tel. (905) 475-3080
Fax. (905) 475-3081
www.DSEL.ca

MUNICIPALITY: OAKVILLE DEVELOPMENT SERVICES

REGION: Halton REGION — The Regional Municipality of Halton

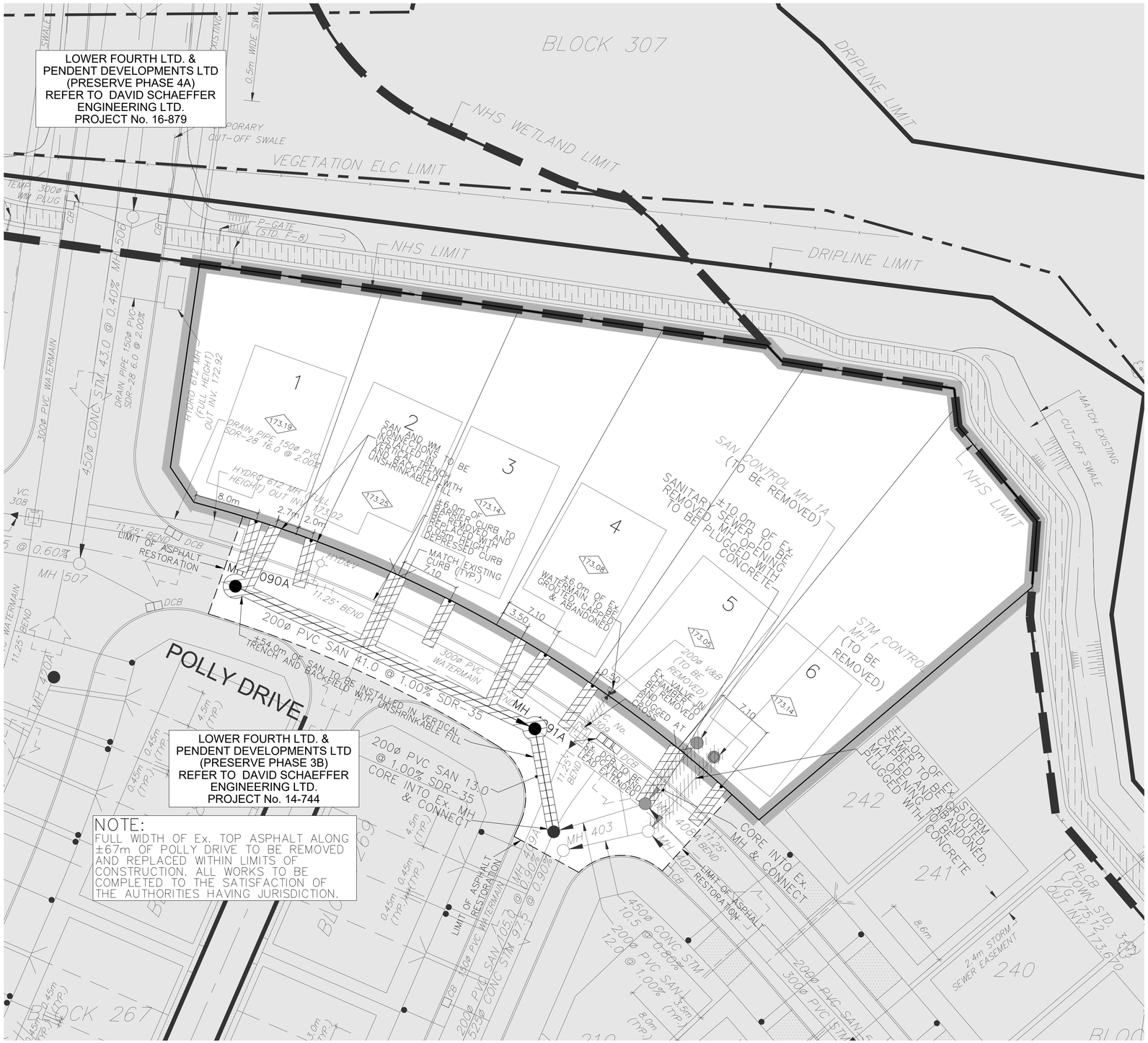
DEVELOPER: REMINGTON GROUP

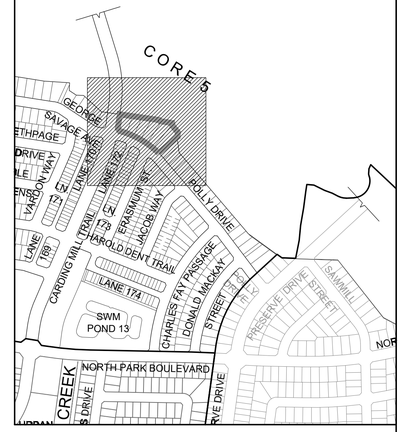
PROJECT: PRESERVE BLOCK 301 (275 POLLY DRIVE)

TITLE: ABOVEGROUND GENERAL PLAN

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| MUNICIPAL FILE NO. | REGIONAL FILE NO. |
|---|---|
| 24T-XXXX | DO-XXXX |
| PROJECT NO. 21-1227 | SHEET 2 |




## TOPOGRAPHIC INFORMATION

TOPOGRAPHIC INFORMATION PROVIDED BY RADY-PENTEK & EDWARD SURVEYING LTD.: JOB No. 16-146, TOPOGRAPHIC SURVEY DATED ON JULY 5, 2016 AND DATED JULY 20, 2016.
MARSHALL MACKLIN MONAGHAN ONTARIO LTD., JOB NO 20-05052-00-000, TOPOGRAPHIC SURVEY DATED JUNE 11, 2005 TO JULY 21, 2005.

## LEGAL INFORMATION

CONCEPT PLAN PROVIDED BY KORSIAK URBAN PLANNING LTD., DATED DECEMBER 13, 2024.

## BENCHMARK NOTE

ELEVATIONS ARE GEODETIC AND ARE REFERRED TO MINISTRY OF TRANSPORTATION ONTARIO FIRST-ORDER VERTICAL BENCH MARK NUMBER 0081881814 HAVING AN ORTHOMETRIC ELEVATION OF 188.594 METRES. ELEVATIONS ARE REFERENCED TO THE CANADIAN GEODETIC VERTICAL DATUM OF 1928, 1978 ADJUSTMENT (CGVD-1928:1978).
STEEL ROD WITH BRASS CAP BENCH MARK ON NORTH SIDE OF BURNHAMTHORPE RD., 138.7 M. EAST OF THE JCT OF BURNHAMTHORPE RD AND SIXTH LINE RD IN OAKVILLE, AND 9.2 M NORTH OF CENTRELINE OF BURNHAMTHORPE RD. BENCH MARK IS SET 11 M SOUTH OF NORTH RIGHT-OF-WAY FENCE OF BURNHAMTHORPE RD AND IS MARKED BY A STEEL MARKER 46 CM EAST OF BENCH MARK.

## NOTES:

1. ALL EXISTING BUILDINGS, POST & WIRE FENCE, TREES, UTILITY POLES, CULVERTS AND RETAINING WALLS, ETC. WITHIN LOTS AND BLOCKS TO BE REMOVED, UNLESS OTHERWISE NOTED
2. EXISTING MH AND CB COVERS, WATER V&Bs, WATER V&Cs AND UTILITY PEDESTALS ETC. TO BE ADJUSTED WITHIN NEW ROADWAYS AND BOULEVARDS, WHERE APPLICABLE
3. CONTRACTOR TO VERIFY THE PRECISE LOCATIONS AND INVERT ELEVATIONS OF Ex. UNDERGROUND SERVICES AND Ex. UTILITIES PRIOR TO STARTING CONSTRUCTION
4. ANY DISTURBED AREA DURING CONSTRUCTION TO BE RESTORED TO THE ORIGINAL CONDITION OR BETTER TO THE SATISFACTION OF THE AUTHORITIES HAVING JURISDICTION
5. WRITTEN PERMISSION REQUIRED FOR WORK ON ADJACENT LANDS
6. WORKS WITHIN THE CH REGULATION LIMIT WILL REQUIRE A PERMIT FROM CONSERVATION HALTON UNDER ONTARIO REGULATION 162/06
7. SERVICING AND GRADING DESIGN FOR FUTURE LOTS LANDS SHOWN ON THE DRAWINGS ARE CONCEPTUAL, WHICH ARE TO BE FURTHER REVIEWED / FINALIZED UPON FUTURE DEVELOPMENT
8. ALL VALVES TO BE CAST IRON EPOXY COATED
9. WATERMAIN CONSTRUCTION TO BE VERIFIED ONSITE BY GEOTECHNICAL CONSULTANT IN RELATION TO EXISTING FILL AND SOIL REMEDIATION PROGRAM. IF WATERMAIN IS TO BE INSTALLED IN AREAS OUTSIDE OF THE NATIVE ORIGINAL GROUND, MECHANICAL RESTRAINING JOINTS ARE REQUIRED, TO THE SATISFACTION OF REGION OF HALTON
10. INSULATION REQUIRED FOR WATERMAIN / WATER SERVICE WHERE THE SEPARATION BETWEEN WATERMAIN / WATER SERVICE AND OTHER SERVICES AND STRUCTURES IS LESS THAN 2.5m AND THE COVER IS LESS THAN 1.7m. REFER TO DETAIL ON DWG. 8 UNLESS OTHERWISE SPECIFIED.
11. ALL UNITS TO BE PROVIDED WITH SUMP PUMPS, UNLESS OTHERWISE NOTED. SEE DWG. 8 FOR DETAIL
12. ALL WORKS AND MATERIALS SHALL CONFORM TO THE LATEST REVISIONS OF THE STANDARDS AND SPECIFICATIONS OF THE TOWN OF OAKVILLE, THE REGION OF HALTON AND ONTARIO PROVINCIAL STANDARD DRAWINGS (OPSD), SPECIFICATIONS (OPSS), AND HALTON REGION'S WATER AND WASTERWATER LINEAR DESIGN MANUAL, AS AMENDED BY THE TOWN OF OAKVILLE AND THE REGION OF HALTON.

## LEGEND

- STORM MANHOLE
- SANITARY MANHOLE
- SANITARY MANHOLE BY OTHERS
- SINGLE SANITARY HOUSE CONNECTION
- SINGLE STORM HOUSE CONNECTION
- WATER CONNECTION
- CURB STOP SERVICE
- HYDRANT
- TEE
- VALVE & BOX
- VALVE & CHAMBER
- SINGLE
- DOUBLE CATCHBASIN
- SLAB ON GRADE BLOCKS/UNITS
- ANTI-SEEPAGE COLLAR (SEE DWG. 6.3 FOR DETAIL)
- PHASE LINE
- NOT PART OF APPLICATION

**NOT FOR CONSTRUCTION**

| No. | DATE | BY | |
|---|---|---|---|
| 1. | 26-07-06 | C.Y. | 1st SUBMISSION |

| | | | | |
|---|---|---|---|---|
| DESIGNED BY: | D.A. | CHECKED BY: | C.Y. | DATE JULY 2026 |
| DRAWN BY: | A.C. | CHECKED BY: | C.Y. | |
| SCALE HORIZ. 1:250 | 0 2.5 5 7.5 10 | | | REFERENCES |

APPROVALS

MUNICIPAL APPROVAL

APPROVED IN PRINCIPLE SUBJECT TO DETAIL CONSTRUCTION CONFORMING TO TOWN OF OAKVILLE STANDARDS AND SPECIFICATIONS

MANAGER OF DEVELOPMENT SERVICES — DATE

REGIONAL APPROVAL

APPROVED DESIGN OF SANITARY, WATER SERVICES AND REGIONAL ROAD WORKS SUBJECT TO DETAIL CONSTRUCTION CONFORMING TO HALTON REGION STANDARDS & SPECIFICATIONS & LOCATIONAL APPROVAL FROM AREA MUNICIPALITY

DEVELOPMENT SERVICES, PUBLIC WORKS — DATE

FIELD NOTES

BELL ☐ HYDRO ☐
GAS ☐ CABLE ☐
TRAFFIC ☐ WATER ☐

STAMP

LICENSED PROFESSIONAL ENGINEER — Kaya Yuan — C. YUAN — 100598347 — 2026-01-06 — PROVINCE OF ONTARIO

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Tel. (905) 475-3080
Fax. (905) 475-3081
www.DSEL.ca

MUNICIPALITY: OAKVILLE DEVELOPMENT SERVICES

REGION: Halton Region — The Regional Municipality of Halton

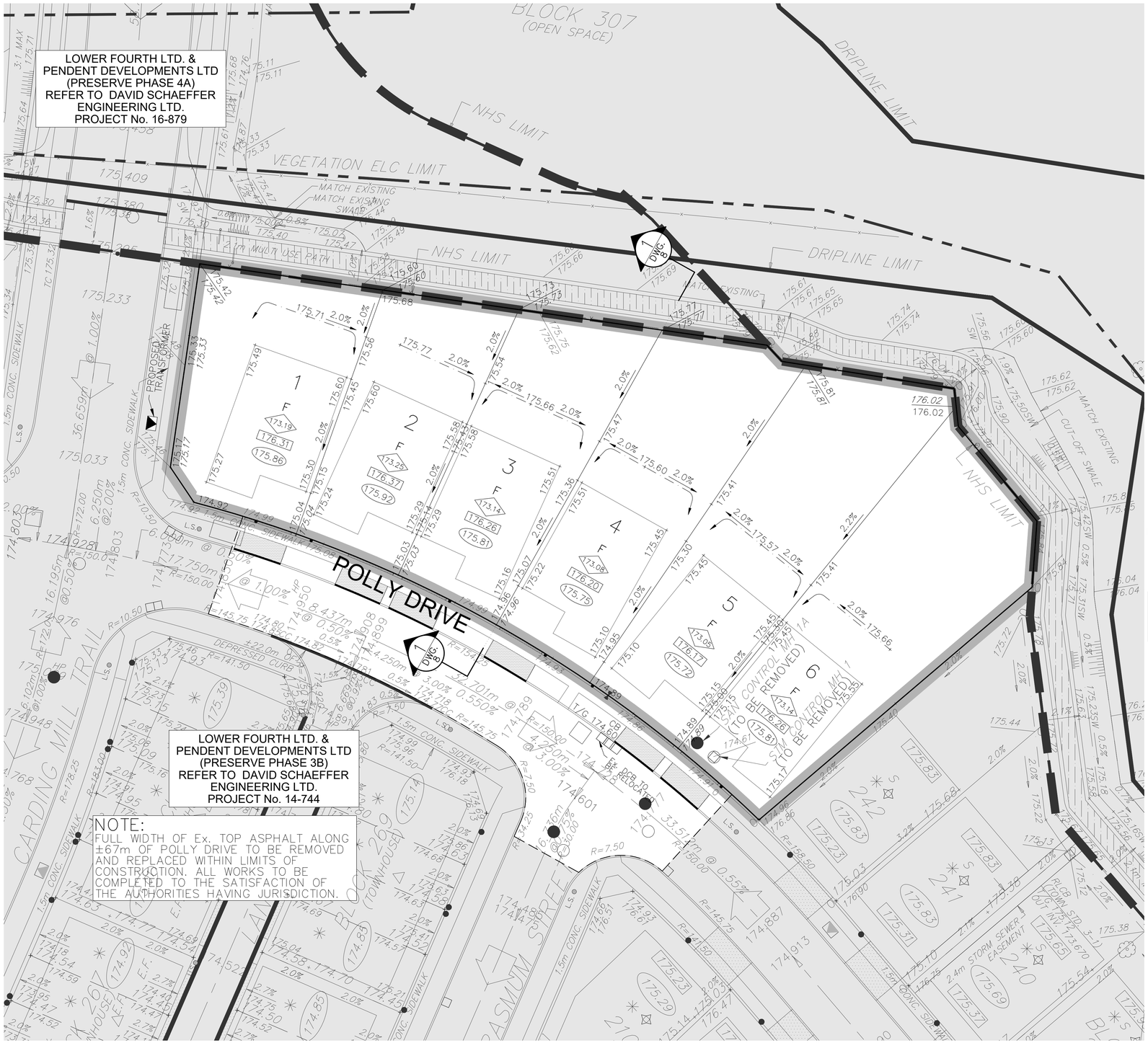
DEVELOPER: REMINGTON GROUP

PROJECT: PRESERVE BLOCK 301 (275 POLLY DRIVE)

TITLE: UNDERGROUND GENERAL PLAN

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| MUNICIPAL FILE NO. | REGIONAL FILE NO. |
|---|---|
| 24T-XXXX | DO-XXXX |
| PROJECT NO. 21-1227 | SHEET 3 |

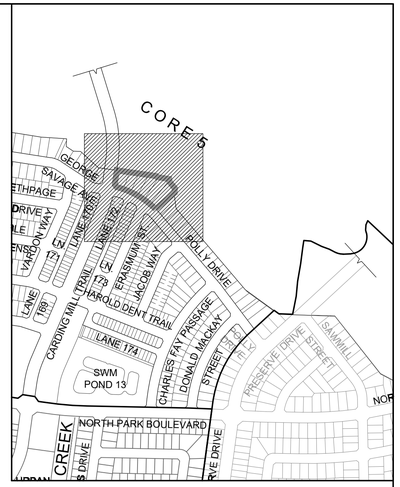



## NOTES:

1. ALL EXISTING BUILDINGS, POST & WIRE FENCE, TREES, UTILITY POLES, CULVERTS AND RETAINING WALLS, ETC. WITHIN LOTS AND BLOCKS TO BE REMOVED, UNLESS OTHERWISE NOTED
2. EXISTING MH AND CB COVERS, WATER V&Bs, WATER V&Cs AND UTILITY PEDESTALS ETC. TO BE ADJUSTED WITHIN NEW ROADWAYS AND BOULEVARDS, WHERE APPLICABLE
3. CONTRACTOR TO VERIFY THE PRECISE LOCATIONS AND INVERT ELEVATIONS OF Ex. UNDERGROUND SERVICES AND Ex. UTILITIES PRIOR TO STARTING CONSTRUCTION
4. ANY DISTURBED AREA DURING CONSTRUCTION TO BE RESTORED TO THE ORIGINAL CONDITION OR BETTER TO THE SATISFACTION OF THE AUTHORITIES HAVING JURISDICTION
5. WRITTEN PERMISSION REQUIRED FOR WORK ON ADJACENT LANDS
6. TEMPORARY CUT-OFF SWALES TO BE PLACED WITH TOPSOIL AND SEEDED TO THE SATISFACTION OF AUTHORITIES HAVING JURISDICTION
7. FOR ENGINEERED FILL AND COMPACTION REQUIREMENTS, PLEASE SEE GEOTECHNICAL INVESTIGATION REPORT
8. ELEVATIONS SHOWN ON THE FUTURE STREETS, LOTS AND BLOCKS ARE FUTURE ELEVATIONS, UNLESS OTHERWISE NOTED
9. WORKS WITHIN THE CH REGULATION LIMIT WILL REQUIRE A PERMIT FROM CONSERVATION HALTON UNDER ONTARIO REGULATION 162/06
10. ALL UNITS TO BE PROVIDED WITH SUMP PUMPS, UNLESS OTHERWISE NOTED. SEE DWG.8 FOR DETAIL
11. ALL WORKS AND MATERIALS SHALL CONFORM TO THE LATEST REVISIONS OF THE STANDARDS AND SPECIFICATIONS OF THE TOWN OF OAKVILLE, THE REGION OF HALTON AND ONTARIO PROVINCIAL STANDARD DRAWINGS (OPSD), SPECIFICATIONS (OPSS), AND HALTON REGION'S WATER AND WASTERWATER LINEAR DESIGN MANUAL, AS AMENDED BY THE TOWN OF OAKVILLE AND THE REGION OF HALTON.
12. MINIMUM 300mm OF TOPSOIL DEPTH REQUIRED ON STREET BOULEVARDS AND RESIDENTIAL FRONT & REAR YARDS.

## LEGEND

- 199.35 PROPOSED ELEVATION
- 198.50 EXISTING ELEVATION
- [199.35] FUTURE PROPOSED ELEVATION
- 198.00 EXISTING CONTOUR ELEVATION
- SWALE
- 92.00 UNDERSIDE OF FOOTING ELEVATION (USF)
- 212.13 FIRST FLOOR ELEVATION
- 212.16 SPECIFIED HOUSE GRADE
- L.O. LOOK OUT LOT
- W.O. WALK OUT LOT
- S SPLIT DRAINING LOT
- F BACK TO FRONT DRAINING LOT
- TR TRANSITION LOT
- PROPOSED OVERLAND FLOW DIRECTION
- EXTERNAL OVERLAND FLOW DIRECTION
- HYDRANT
- VALVE & CHAMBER
- VALVE & BOX
- 3:1 MAXIMUM SLOPE
- HYDRO TRANSFORMER
- LIGHT STANDARD
- SINGLE CATCHBASIN
- DOUBLE CATCHBASINS
- SLAB ON GRADE BLOCKS/UNITS
- STORM MANHOLE
- SANITARY MANHOLE
- SANITARY MANHOLE BY OTHERS
- 1.2m HIGH DECORATIVE FENCE (SEE LANDSCAPE DWG FOR DETAIL)
- 1.2m HIGH BLACK VINYL CHAIN LINK FENCE (SEE LANDSCAPE DWG FOR DETAIL)
- 1.8m HIGH BLACK VINYL CHAIN LINK FENCE (SEE LANDSCAPE DWG FOR DETAIL)
- 1.8m HIGH WOOD PRIVACY FENCE (SEE LANDSCAPE DWG FOR DETAIL)
- RETAINING WALL (SEE NOTES ON DWG 1 & STRUCTURAL DWG FOR DETAIL)
- OP-08(3) COMMUNITY MAILBOX AND PAD LOCATION (WITH SIDEWALK) E10X-ENG-08
- OP-08(2) (1) – ONE MODULE (2) – TWO MODULES (3) – THREE MODULES
- TEMP. M.B. TEMPORARY MAILBOX
- DRIVEWAY WITH CONCRETE APRON (TOWN STD 10-3)
- SIDE YARD DETAIL (REFER TO DWG 8 FOR SHORT SIDES OF SIDE YARD DETAIL, UNLESS OTHERWISE NOTED)
- BARRIER CURB WITH DEPRESSED SECTION
- MOUNTABLE CURB (OPSD 600.060)
- PHASE LINE
- NOT PART OF APPLICATION
- TREES TO BE PRESERVED (WITHIN OR ADJACENT TO LIMIT OF SUBDIVISION)
- TREES TO BE REMOVED (WITHIN OR ADJACENT TO LIMIT OF SUBDIVISION)
- TREE PROTECTION FENCE
- TACTILE WALKING SURFACE INDICATOR WITH BLACK ASPHALT DIP FINISH (OPSD-310.033 & OPSD-310.039)




## TOPOGRAPHIC INFORMATION

TOPOGRAPHIC INFORMATION PROVIDED BY RADY-PENTEK & EDWARD SURVEYING LTD.: JOB No. 16-146, TOPOGRAPHIC SURVEY DATED ON JULY 5, 2016 AND DATED JULY 20, 2016.
MARSHALL MACKLIN MONAGHAN ONTARIO LTD., JOB NO 20-05052-00-000, TOPOGRAPHIC SURVEY DATED JUNE 11, 2005 TO JULY 21, 2005.

## LEGAL INFORMATION

CONCEPT PLAN PROVIDED BY KORSIAK URBAN PLANNING LTD., DATED DECEMBER 13, 2024.

## BENCHMARK NOTE

ELEVATIONS ARE GEODETIC AND ARE REFERRED TO MINISTRY OF TRANSPORTATION ONTARIO FIRST-ORDER VERTICAL BENCH MARK NUMBER 0081981814 HAVING AN ORTHOMETRIC ELEVATION OF 188.594 METRES. ELEVATIONS ARE REFERENCED TO THE CANADIAN GEODETIC VERTICAL DATUM OF 1928, 1978 ADJUSTMENT (CGVD-1928:1978).
STEEL ROD WITH BRASS CAP BENCH MARK ON NORTH SIDE OF BURNHAMTHORPE RD., 138.7 M. EAST OF THE JCT OF BURNHAMTHORPE RD AND SIXTH LINE RD IN OAKVILLE, AND 9.2 M NORTH OF CENTRELINE OF BURNHAMTHORPE RD, BENCH MARK IS 56.7 M SOUTH OF NORTH RIGHT-OF-WAY FENCE OF BURNHAMTHORPE RD AND IS MARKED BY A STEEL MARKER 46 CM EAST OF BENCH MARK.

## NOT FOR CONSTRUCTION

| No. | DATE | BY |
|---|---|---|
| 1. | 26-07-06 | C.Y. | 1st SUBMISSION |

DESIGNED BY: D.A. CHECKED BY: C.Y.
DRAWN BY: A.C. CHECKED BY: C.Y.
SCALE HORIZ. 1:250 0 2.5 5 7.5 10
DATE JULY 2026
REFERENCES
FIELD NOTES

### APPROVALS

MUNICIPAL APPROVAL

APPROVED IN PRINCIPLE SUBJECT TO DETAIL CONSTRUCTION CONFORMING TO TOWN OF OAKVILLE STANDARDS AND SPECIFICATIONS

MANAGER OF DEVELOPMENT SERVICES — DATE

BELL ☐ HYDRO ☐
GAS ☐ CABLE ☐
TRAFFIC ☐ WATER ☐

REGIONAL APPROVAL

APPROVED DESIGN OF SANITARY, WATER SERVICES AND REGIONAL ROAD WORKS SUBJECT TO DETAIL CONSTRUCTION CONFORMING TO HALTON REGION STANDARDS & SPECIFICATIONS & LOCATIONAL APPROVAL FROM AREA MUNICIPALITY

DEVELOPMENT SERVICES, PUBLIC WORKS — DATE

STAMP
LICENSED PROFESSIONAL ENGINEER
Kaya Yuan
C. YUAN
100598347
2026-01-06
PROVINCE OF ONTARIO

DSEL
600 Alden Road, Suite 606
Markham, Ontario, L3R 0E7
Tel. (905) 475-3080
Fax. (905) 475-3081
www.DSEL.ca

MUNICIPALITY
OAKVILLE
DEVELOPMENT SERVICES

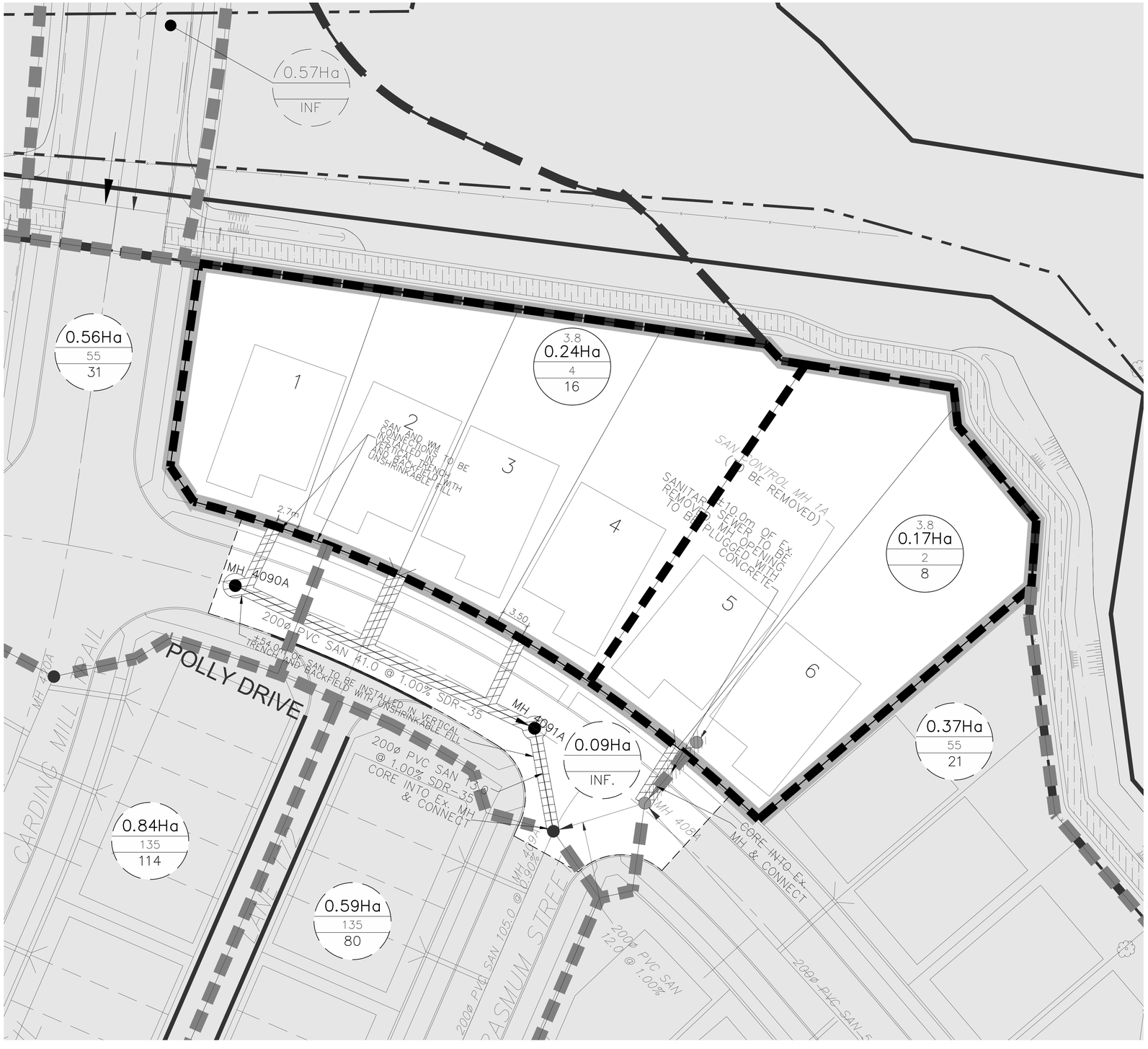
REGION
Halton REGION
The Regional Municipality of Halton

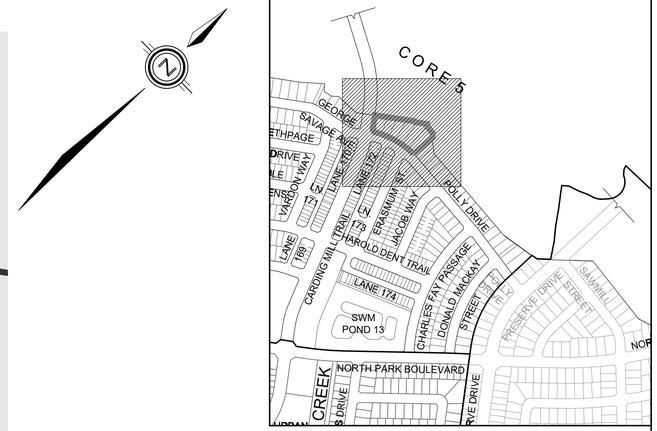
DEVELOPER
REMINGTON GROUP

PROJECT
PRESERVE BLOCK 301
(275 POLLY DRIVE)

TITLE
GRADING PLAN
© DSEL

MUNICIPAL FILE NO. 24T-XXXX
REGIONAL FILE NO. DO-XXXX
PROJECT NO. 21-1227
SHEET 4




## TOPOGRAPHIC INFORMATION

TOPOGRAPHIC INFORMATION PROVIDED BY RADY-PENTEK & EDWARD SURVEYING LTD.: JOB No. 16-146, TOPOGRAPHIC SURVEY DATED ON JULY 5, 2016 AND DATED JULY 20, 2016.
MARSHALL MACKLIN MONAGHAN ONTARIO LTD., JOB NO 20-05052-00-000, TOPOGRAPHIC SURVEY DATED JUNE 11, 2005 TO JULY 21, 2005.

## LEGAL INFORMATION

CONCEPT PLAN PROVIDED BY KORSIAK URBAN PLANNING LTD., DATED DECEMBER 13, 2024.

## BENCHMARK NOTE

ELEVATIONS ARE GEODETIC AND ARE REFERRED TO MINISTRY OF TRANSPORTATION ONTARIO FIRST-ORDER VERTICAL BENCH MARK NUMBER 0081881814 HAVING AN ORTHOMETRIC ELEVATION OF 188.594 METRES. ELEVATIONS ARE REFERENCED TO THE CANADIAN GEODETIC VERTICAL DATUM OF 1928, 1978 ADJUSTMENT (CGVD-1928:1978).
STEEL ROD WITH BRASS CAP BENCH MARK ON NORTH SIDE OF BURNHAMTHORPE RD., 138.7 M. EAST OF THE JCT OF BURNHAMTHORPE RD AND SIXTH LINE RD IN OAKVILLE, AND 9.2 M NORTH OF CENTRELINE OF BURNHAMTHORPE RD. BENCH MARK IS SET 11 M SOUTH OF NORTH RIGHT-OF-WAY FENCE OF BURNHAMTHORPE RD AND IS MARKED BY A STEEL MARKER 46 CM EAST OF BENCH MARK.

## NOT FOR CONSTRUCTION

| No. | DATE | BY | |
|---|---|---|---|
| 1. | 26-07-06 | C.Y. | 1st SUBMISSION |

| | | | | | |
|---|---|---|---|---|---|
| DESIGNED BY: | | D.A. | CHECKED BY: | C.Y. | DATE JULY 2026 |
| DRAWN BY: | | A.C. | CHECKED BY: | C.Y. | |
| SCALE | HORIZ. 1:250 | 0 2.5 5 7.5 10 | | | REFERENCES |

### APPROVALS

MUNICIPAL APPROVAL

APPROVED IN PRINCIPLE SUBJECT TO DETAIL CONSTRUCTION CONFORMING TO TOWN OF OAKVILLE STANDARDS AND SPECIFICATIONS

MANAGER OF DEVELOPMENT SERVICES — DATE

REGIONAL APPROVAL

APPROVED DESIGN OF SANITARY, WATER SERVICES AND REGIONAL ROAD WORKS SUBJECT TO DETAIL CONSTRUCTION CONFORMING TO HALTON REGION STANDARDS & SPECIFICATIONS & LOCATIONAL APPROVAL FROM AREA MUNICIPALITY

DEVELOPMENT SERVICES, PUBLIC WORKS — DATE

FIELD NOTES

| | | | |
|---|---|---|---|
| BELL | ☐ | HYDRO | ☐ |
| GAS | ☐ | CABLE | ☐ |
| TRAFFIC | ☐ | WATER | ☐ |

STAMP

LICENSED PROFESSIONAL ENGINEER — Kaya Yuan — C. YUAN — 100598347 — 2026-07-06 — PROVINCE OF ONTARIO


DSEL
600 Alden Road, Suite 606
Markham, Ontario, L3R 0E7
Tel. (905) 475-3080
Fax. (905) 475-3081
www.DSEL.ca


MUNICIPALITY: OAKVILLE DEVELOPMENT SERVICES

REGION: Halton Region — The Regional Municipality of Halton

DEVELOPER: REMINGTON GROUP

PROJECT: PRESERVE BLOCK 301 (275 POLLY DRIVE)

TITLE: SANITARY DRAINAGE PLAN

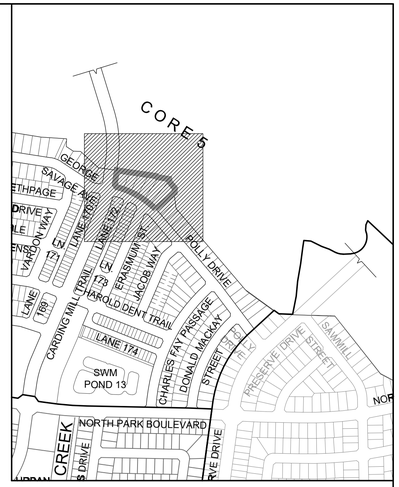
© DSEL

| MUNICIPAL FILE NO. | REGIONAL FILE NO. |
|---|---|
| 24T-XXXX | DO-XXXX |
| PROJECT NO. 21-1227 | SHEET 5 |

### LEGEND

- ppU
- 3.8 / 0.17Ha / 2 / 8 — AREA IN HECTARES, NUMBER OF UNIT, POPULATION
- 0.17Ha / 55 / 10 — EXTERNAL AREA IN HECTARES, EXTERNAL PERSON PER HECTARE, EXTERNAL POPULATION
- SANITARY SINGLE HOUSE CONNECTION
- SANITARY SEWER TRIBUTARY BOUNDARY
- SANITARY SEWER EXTERNAL TRIBUTARY BOUNDARY
- PHASE LINE
- NOT PART OF APPLICATION




## TOPOGRAPHIC INFORMATION

TOPOGRAPHIC INFORMATION PROVIDED BY RADY-PENTEK & EDWARD SURVEYING LTD.: JOB No. 16-146, TOPOGRAPHIC SURVEY DATED ON JULY 5, 2016 AND DATED JULY 20, 2016.
MARSHALL MACKLIN MONAGHAN ONTARIO LTD., JOB NO 20-05052-00-000, TOPOGRAPHIC SURVEY DATED JUNE 11, 2005 TO JULY 21, 2005.

## LEGAL INFORMATION

CONCEPT PLAN PROVIDED BY KORSIAK URBAN PLANNING LTD., DATED DECEMBER 13, 2024.

## BENCHMARK NOTE

ELEVATIONS ARE GEODETIC AND ARE REFERRED TO MINISTRY OF TRANSPORTATION ONTARIO FIRST-ORDER VERTICAL BENCH MARK NUMBER 0081801814 HAVING AN ORTHOMETRIC ELEVATION OF 188.594 METRES. ELEVATIONS ARE REFERENCED TO THE CANADIAN GEODETIC VERTICAL DATUM OF 1928, 1978 ADJUSTMENT (CGVD-1928:1978).
STEEL ROD WITH BRASS CAP BENCH MARK ON NORTH SIDE OF BURNHAMTHORPE RD, 138.7 M EAST OF THE JCT OF BURNHAMTHORPE RD AND SIXTH LINE RD IN OAKVILLE, AND 9.2 M NORTH OF CENTRELINE OF BURNHAMTHORPE RD, BENCH MARK IS SET 11 M SOUTH OF NORTH RIGHT-OF-WAY FENCE OF BURNHAMTHORPE RD AND IS MARKED BY A STEEL MARKER 46 CM EAST OF BENCH MARK.

## NOT FOR CONSTRUCTION

| No. | DATE | BY | |
|---|---|---|---|
| 1. | 26-07-06 | C.Y. | 1st SUBMISSION |

| | | | | | |
|---|---|---|---|---|---|
| DESIGNED BY: | D.A. | CHECKED BY: | C.Y. | DATE | JULY 2026 |
| DRAWN BY: | A.C. | CHECKED BY: | C.Y. | | |
| SCALE HORIZ. 1:250 | 0 2.5 5 7.5 10 | | | REFERENCES | |

### APPROVALS

MUNICIPAL APPROVAL

APPROVED IN PRINCIPLE SUBJECT TO DETAIL CONSTRUCTION CONFORMING TO TOWN OF OAKVILLE STANDARDS AND SPECIFICATIONS

MANAGER OF DEVELOPMENT SERVICES — DATE

REGIONAL APPROVAL

APPROVED DESIGN OF SANITARY, WATER SERVICES AND REGIONAL ROAD WORKS SUBJECT TO DETAIL CONSTRUCTION CONFORMING TO HALTON REGION STANDARDS & SPECIFICATIONS & LOCATIONAL APPROVAL FROM AREA MUNICIPALITY

DEVELOPMENT SERVICES, PUBLIC WORKS — DATE

FIELD NOTES

| | | | |
|---|---|---|---|
| BELL | ☐ | HYDRO | ☐ |
| GAS | ☐ | CABLE | ☐ |
| TRAFFIC | ☐ | WATER | ☐ |

STAMP

LICENSED PROFESSIONAL ENGINEER — Kaya Yuan — C. YUAN — 100598347 — 2026-01-06 — PROVINCE OF ONTARIO


DSEL
600 Alden Road, Suite 606
Markham, Ontario, L3R 0E7
Tel. (905) 475-3080
Fax. (905) 475-3081
www.DSEL.ca


MUNICIPALITY: OAKVILLE DEVELOPMENT SERVICES

REGION: Halton Region — The Regional Municipality of Halton

DEVELOPER: REMINGTON GROUP

PROJECT: PRESERVE BLOCK 301 (275 POLLY DRIVE)

TITLE: STORM DRAINAGE PLAN

© DSEL

| MUNICIPAL FILE NO. | REGIONAL FILE NO. |
|---|---|
| 24T-XXXX | DO-XXXX |
| PROJECT NO. 21-1227 | SHEET 6 |

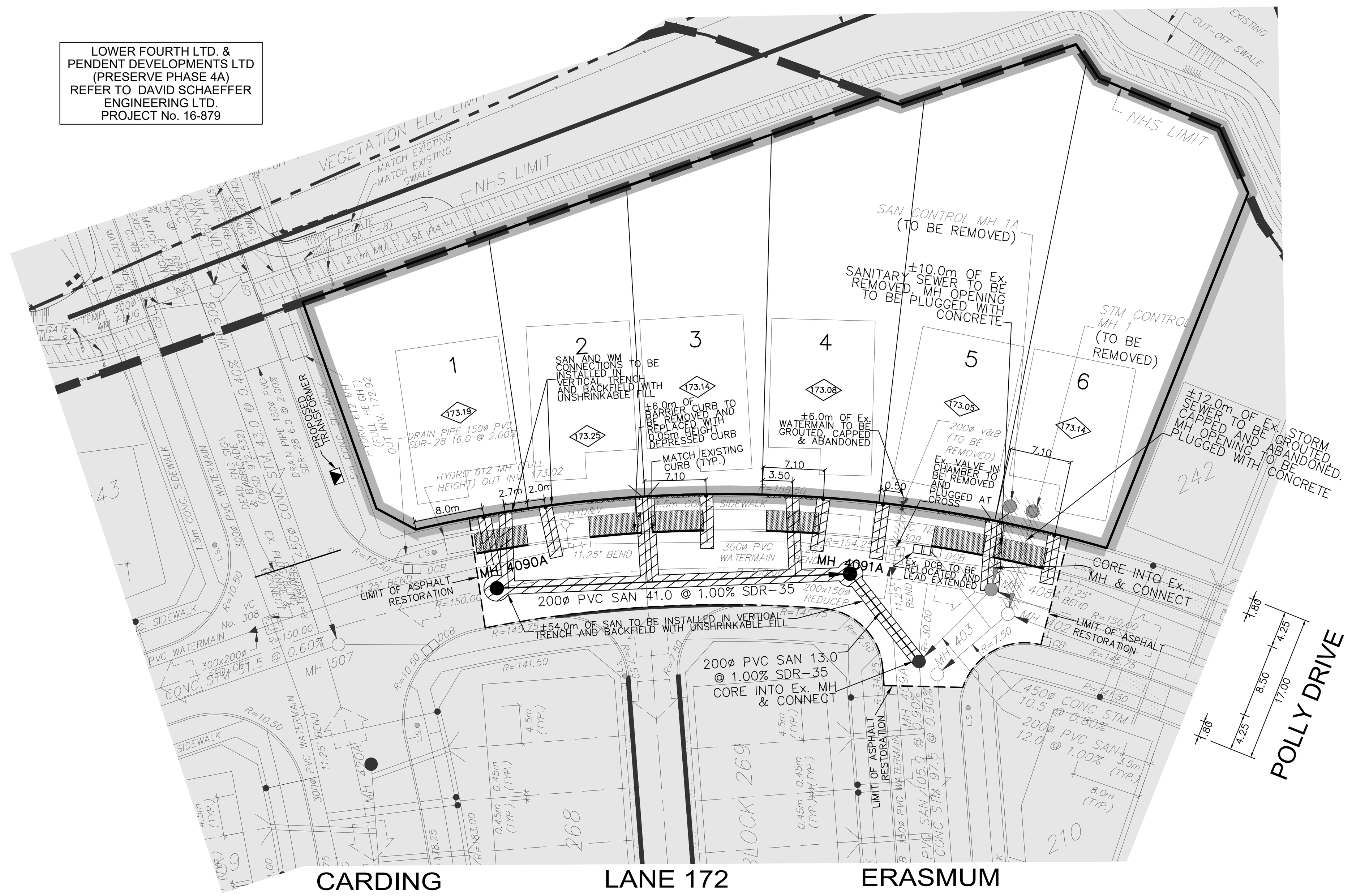
LEGEND

- 0.90Ha / 0.64 — DRAINAGE AREA IN HECTARES / RUN-OFF COEFFICIENT
- 1.20Ha / 0.90 — EXTERNAL DRAINAGE AREA IN HECTARES / RUN-OFF COEFFICIENT
- STORM SINGLE HOUSE CONNECTION
- OVERLAND FLOW DIRECTION
- OVERLAND FLOW DIRECTION
- SINGLE CATCHBASIN / DOUBLE CATCHBASINS / STORM SEWER TRIBUTARY BOUNDARY
- EXTERNAL STORM TRIBUTARY BOUNDARY
- PHASE LINE
- NOT PART OF THIS APPROVAL APPLICATION

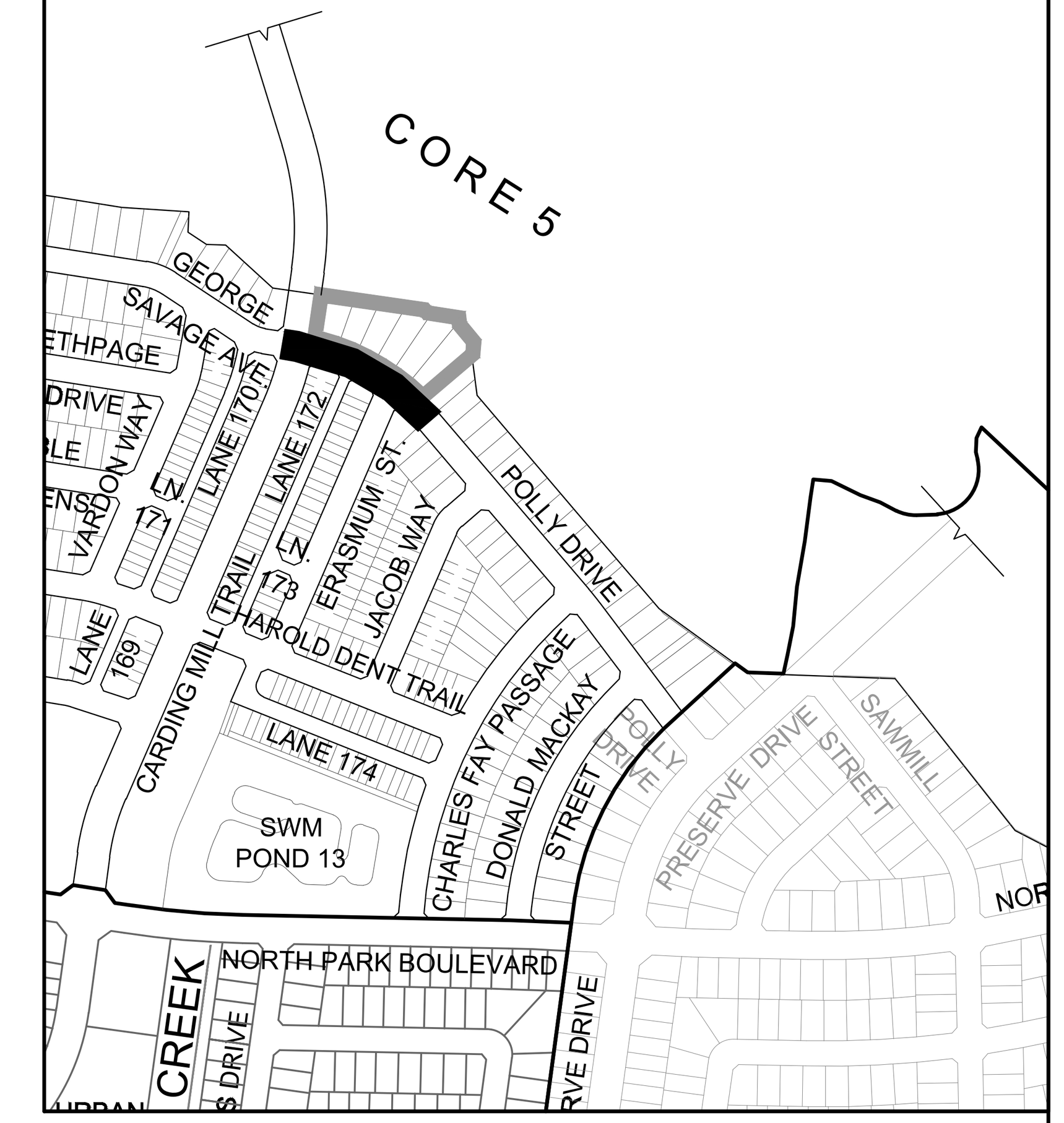
## PAVEMENT DESIGN
40mm HL-3 ASPHALT CONCRETE
50mm HL-8 ASPHALT CONCRETE
150mm GRANULAR "A" BASE
350mm GRANULAR "B" SUB-BASE

## NOTES:

1. ALL EXISTING BUILDINGS, POST & WIRE FENCE, TREES, UTILITY POLES, CULVERTS AND RETAINING WALLS, ETC. WITHIN LOTS AND BLOCKS TO BE REMOVED, UNLESS OTHERWISE NOTED
2. EXISTING MH AND CB COVERS, WATER V&Bs, WATER V&Cs AND UTILITY PEDESTALS ETC. TO BE ADJUSTED WITHIN NEW ROADWAYS AND BOULEVARDS, WHERE APPLICABLE
3. CONTRACTOR TO VERIFY THE PRECISE LOCATIONS AND INVERT ELEVATIONS OF Ex. UNDERGROUND SERVICES AND Ex. UTILITIES PRIOR TO STARTING CONSTRUCTION
4. ANY DISTURBED AREA DURING CONSTRUCTION TO BE RESTORED TO THE ORIGINAL CONDITION OR BETTER TO THE SATISFACTION OF THE AUTHORITIES HAVING JURISDICTION
5. WRITTEN PERMISSION REQUIRED FOR WORK ON ADJACENT LANDS
6. SERVICING AND GRADING DESIGN FOR FUTURE LANDS SHOWN ON THE DRAWINGS ARE CONCEPTUAL, WHICH ARE TO BE FINALIZED UPON FUTURE DEVELOPMENT
7. ALL UNITS TO BE PROVIDED WITH SUMP PUMPS, UNLESS OTHERWISE NOTED. SEE DWG. 8 FOR DETAIL.
8. ALL WORKS AND MATERIALS SHALL CONFORM TO THE LATEST REVISIONS OF THE STANDARDS AND SPECIFICATIONS OF THE TOWN OF OAKVILLE, THE REGION OF HALTON AND ONTARIO PROVINCIAL STANDARD DRAWINGS (OPSD), SPECIFICATIONS (OPSS), AND HALTON REGION'S WATER AND WASTEWATER LINEAR DESIGN MANUAL, AS AMENDED BY THE TOWN OF OAKVILLE AND THE REGION OF HALTON.
9. BEDDING MATERIAL FOR PVC PIPE, OPSD-802.010, TYPE 1 OR 2 SOILS, GRANULAR "A" OR EQUIVALENT; FOR CONCRETE PIPE, OPSD-802.030, CLASS "B", GRANULAR "A" OR EQUIVALENT, WITH GRANULAR "A" COVER. FOR BEDDING MATERIAL IN SHALE EXCAVATION, REFER TO GEOTECHNICAL REPORT FOR RECOMMENDATIONS.




- STORM MANHOLE
- SANITARY MANHOLE
- SANITARY MANHOLE BY OTHERS
- STORM MANHOLE BY OTHERS
- SINGLE SANITARY HOUSE CONNECTION
- DOUBLE STORM HOUSE CONNECTION
- SINGLE STORM HOUSE CONNECTION
- WATER CONNECTION
- HYDRANT
- TEE
- VALVE & BOX
- VALVE & CHAMBER
- SINGLE CATCHBASIN
- DOUBLE CATCHBASINS
- HYDRO TRANSFORMER
- COMMUNITY MAILBOX AND PAD LOCATION (WITH SIDEWALK) E10X-ENG-08 (1) – ONE MODULE (2) – TWO MODULES (3) – THREE MODULES
- LIGHT STANDARD
- 1.2m HIGH DECORATIVE FENCE (SEE LANDSCAPE DWG. FOR DETAILS)
- 1.2m HIGH BLACK VINYL CHAIN LINK FENCE (SEE LANDSCAPE DWG. FOR DETAILS)
- 1.8m HIGH BLACK VINYL CHAIN LINK FENCE (SEE LANDSCAPE DWG. FOR DETAILS)
- 1.8m HIGH WOOD PRIVACY FENCE (SEE LANDSCAPE DWG. FOR DETAILS)
- PROPOSED OVERLAND FLOW DIRECTION
- EXTERNAL OVERLAND FLOW DIRECTION
- UNDERSIDE OF FOOTING ELEVATION (USF)
- SLAB ON GRADE BLOCKS/UNITS
- DRIVEWAY WITH CONCRETE APRON (TOWN STD. 10-3)
- TREES TO BE PRESERVED (WITHIN OR ADJACENT TO LIMIT OF SUBDIVISION)
- TREES TO BE REMOVED (WITHIN OR ADJACENT TO LIMIT OF SUBDIVISION)
- TREE PROTECTION FENCE
- TACTILE WALKING SURFACE INDICATOR WITH BLACK ASPHALT DIP FINISH (OPSD-310.033 & OPSD-310.039)
- ANTI-SEEPAGE COLLAR (OPSD-802.095)
- PHASE LINE
- NOT PART OF APPLICATION

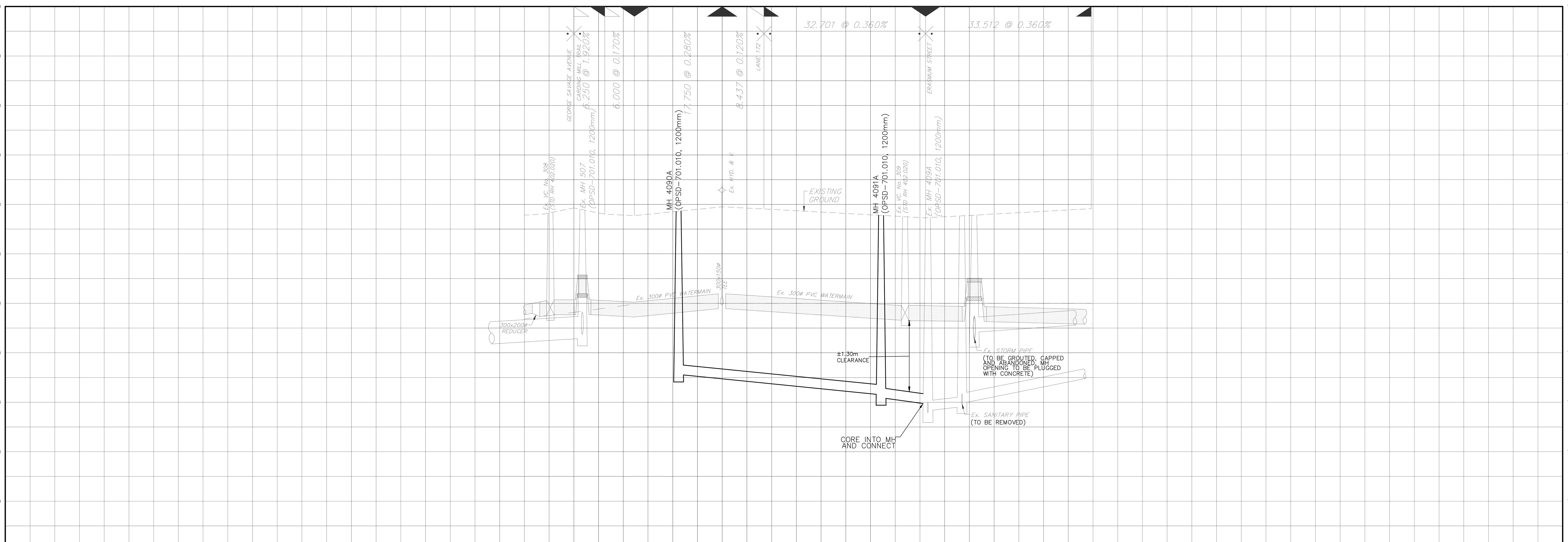



## TOPOGRAPHIC INFORMATION
TOPOGRAPHIC INFORMATION PROVIDED BY RADY-PENTEK & EDWARD SURVEYING LTD.: JOB No. 16-146, TOPOGRAPHIC SURVEY DATED ON JULY 5, 2016 AND DATED JULY 20, 2016.
MARSHALL MACKLIN MONAGHAN ONTARIO LTD., JOB NO 20-05052-00-000, TOPOGRAPHIC SURVEY DATED JUNE 11, 2005 TO JULY 21, 2005.

## LEGAL INFORMATION
CONCEPT PLAN PROVIDED BY KORSIAK URBAN PLANNING LTD., DATED DECEMBER 13, 2024.

## BENCHMARK NOTE
ELEVATIONS ARE GEODETIC AND ARE REFERRED TO MINISTRY OF TRANSPORTATION ONTARIO FIRST-ORDER VERTICAL BENCH MARK NUMBER 00819818114 HAVING AN ORTHOMETRIC ELEVATION OF 188.594 METRES. ELEVATIONS ARE REFERENCED TO THE CANADIAN GEODETIC VERTICAL DATUM OF 1928, 1978 ADJUSTMENT (CGVD-1928:1978).
STEEL ROD WITH BRASS CAP BENCH MARK ON NORTH SIDE OF BURNHAMTHORPE RD, 138.7 M EAST OF THE JCT OF BURNHAMTHORPE RD AND SIXTH LINE RD IN OAKVILLE, AND 9.2 M NORTH OF CENTRELINE OF BURNHAMTHORPE RD. BENCH MARK IS SET 1.1 M SOUTH OF NORTH RIGHT-OF -WAY FENCE OF BURNHAMTHORPE RD AND IS MARKED BY A STEEL MARKER 46 CM EAST OF BENCH MARK.

# NOT FOR CONSTRUCTION




| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STORM INVERT | Ex. 450ø CONC STM 32.6 @ 0.65% 65-D | SW 172.270 NW 172.360 | | | | Ex. 200Ø PVC SAN 11.5 @ 0.70% SDR-35 | | | | SW 172.260 N 172.320 E 172.420 | Ex. 300ø PVC STM 69.1 @ 0.98% SDR-35 | |
| SANITARY INVERT | | | | W 171.561 | 200Ø PVC SAN 41.0 @ 1.00% SDR-35 | E 171.151 SE 171.091 | 200Ø PVC SAN 13.0 @ 1.00% SDR-35 | NW 170.961 | S 170.790 NE 170.830 | SW 170.910 N 170.970 E 170.940 | Ex. 200ø PVC SAN 56.0 @ 2.13% SDR-35 | |
| PROPOSED GRADES | 175.070 | 174.950 | 174.960 | 174.940 174.862 | 175.010 | 175.020 175.010 | 174.880 174.778 | 174.810 174.731 | | 174.800 | | 174.910 |
| CENTERLINE CHAINAGE | | 0+006.250 | 0+012.250 | 0+021.189 | 0+030.000 | | 0+062.134 | 0+071.617 | | | | |

| No. | DATE | BY | |
|---|---|---|---|
| 1. | 26-07-06 | C.Y. | 1st SUBMISSION |

| | | | |
|---|---|---|---|
| DESIGNED BY: | D.A. | CHECKED BY: | C.Y. |
| DRAWN BY: | A.C. | CHECKED BY: | C.Y. |

DATE JULY 2026

SCALE HORIZ. 1:250 (0 2.5 5 7.5 10) VERT. 1:50 (0 0.5 1 1.5 2.0)

REFERENCES

FIELD NOTES

BELL ☐ HYDRO ☐ GAS ☐ CABLE ☐ TRAFFIC ☐ WATER ☐

APPROVALS

MUNICIPAL APPROVAL

APPROVED IN PRINCIPLE SUBJECT TO DETAIL CONSTRUCTION CONFORMING TO TOWN OF OAKVILLE STANDARDS AND SPECIFICATIONS

MANAGER OF DEVELOPMENT SERVICES DATE

REGIONAL APPROVAL

APPROVED DESIGN OF SANITARY, WATER SERVICES AND REGIONAL ROAD WORKS SUBJECT TO DETAIL CONSTRUCTION CONFORMING TO HALTON REGION STANDARDS & SPECIFICATIONS & LOCATIONAL APPROVAL FROM AREA MUNICIPALITY

DEVELOPMENT SERVICES, PUBLIC WORKS DATE

STAMP
LICENSED PROFESSIONAL ENGINEER
Kaya Yuan
C. YUAN
100598347
2026-07-06
PROVINCE OF ONTARIO

DSEL
600 Alden Road, Suite 606
Markham, Ontario, L3R 0E7
Tel. (905) 475-3080
Fax. (905) 475-3081
www.DSEL.ca

MUNICIPALITY
OAKVILLE DEVELOPMENT SERVICES

REGION
Halton REGION
The Regional Municipality of Halton

DEVELOPER
REMINGTON GROUP

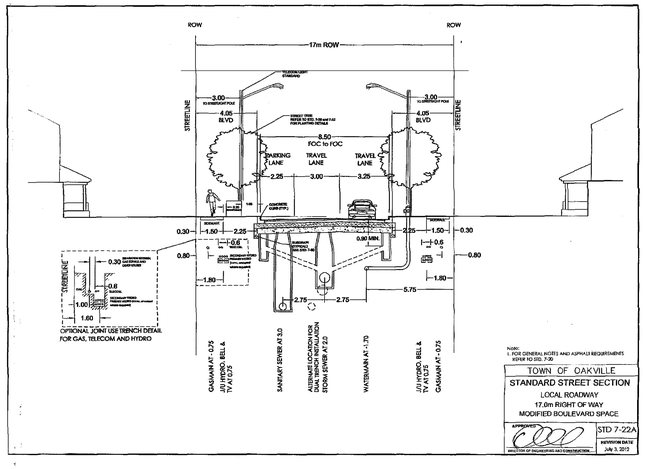
PROJECT
PRESERVE BLOCK 301 (275 POLLY DRIVE)

TITLE
PLAN AND PROFILE OF
POLLY DRIVE
STA. 0+000.000 TO STA. 0+105.000

© DSEL

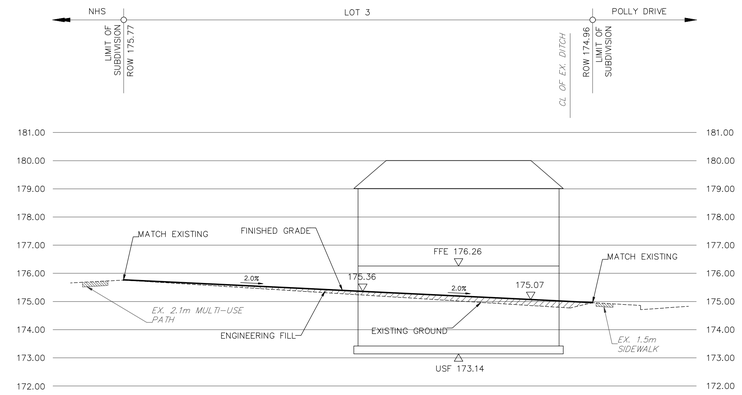
MUNICIPAL FILE NO. 24T-XXXX
REGIONAL FILE NO. DO-XXXX
PROJECT NO. 21-1227
SHEET 7

## STANDARD ROADWAY SECTIONS




POLLY DRIVE

## CROSS SECTION

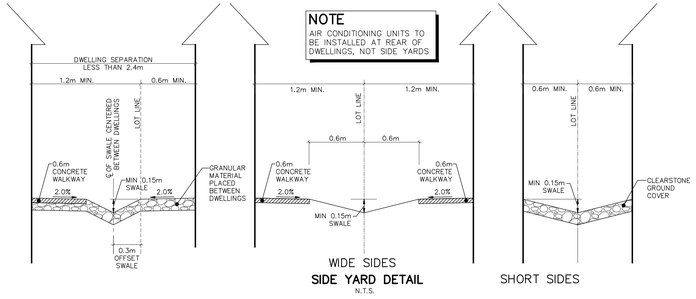



SECTION 1–1

SCALE HOR. 1:250

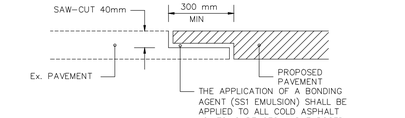
VER. 1:100

## CONSTRUCTION DETAILS



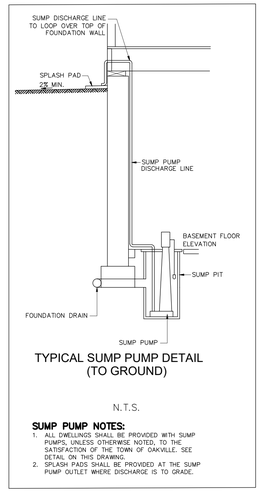

WIDE SIDES
**SIDE YARD DETAIL**
N.T.S.

SHORT SIDES




THE PAVEMENT SHALL BE SAW-CUT LEAVING A STEP JOINT 300mm WIDE BY 40mm DEEP, WHERE APPLICABLE. THE TOP LIFT OF ASPHALT SHALL OVERLAP BASE LIFT BY MINIMUM OF 0.5M ON EACH SIDE OF TRENCHES. ASPHALT RESTORATION WILL BE IN ACCORDANCE WITH OPSS 310. THE APPLICATION OF A BONDING AGENT (SS1 EMULSION) SHALL BE APPLIED TO ALL COLD ASPHALT JOINTS, SURFACES AND EXPOSED CONCRETE FACES AS PER OPSS 1103, TO THE SATISFACTION OF REGION OF HALTON.

**STEP JOINT DETAIL**




**TYPICAL SUMP PUMP DETAIL (TO GROUND)**

N.T.S.

**SUMP PUMP NOTES:**
1. ALL DWELLINGS SHALL BE PROVIDED WITH SUMP PUMPS, UNLESS OTHERWISE NOTED, TO THE SATISFACTION OF THE TOWN OF OAKVILLE. SEE DETAIL ON THIS DRAWING.
2. SPLASH PADS SHALL BE PROVIDED AT THE SUMP PUMP OUTLET WHERE DISCHARGE IS TO GRADE.

### TOPOGRAPHIC INFORMATION

TOPOGRAPHIC INFORMATION PROVIDED BY RADY-PENTEK & EDWARD SURVEYING LTD.: JOB No. 16-146, TOPOGRAPHIC SURVEY DATED ON JULY 5, 2016 AND DATED JULY 20, 2016.
MARSHALL MACKLIN MONAGHAN ONTARIO LTD., JOB NO 20-05052-00-000, TOPOGRAPHIC SURVEY DATED JUNE 11, 2005 TO JULY 21, 2005.

### LEGAL INFORMATION

CONCEPT PLAN PROVIDED BY KORSIAK URBAN PLANNING LTD., DATED DECEMBER 13, 2024.

### BENCHMARK NOTE

ELEVATIONS ARE GEODETIC AND ARE REFERRED TO MINISTRY OF TRANSPORTATION ONTARIO FIRST-ORDER VERTICAL BENCH MARK NUMBER 008198114 HAVING AN ORTHOMETRIC ELEVATION OF 188.594 METRES. ELEVATIONS ARE REFERENCED TO THE CANADIAN GEODETIC VERTICAL DATUM OF 1928, 1978 ADJUSTMENT (CGVD-1928:1978).
STEEL ROD WITH BRASS CAP BENCH MARK ON NORTH SIDE OF BURNHAMTHORPE RD, 138.7 M EAST OF THE JCT OF BURNHAMTHORPE RD AND SIXTH LINE RD IN OAKVILLE, AND 9.2 M NORTH OF CENTRELINE OF BURNHAMTHORPE RD. BENCH MARK IS SET 11 M SOUTH OF NORTH RIGHT-OF-WAY FENCE OF BURNHAMTHORPE RD AND IS MARKED BY A STEEL MARKER 46 CM EAST OF BENCH MARK.

**NOT FOR CONSTRUCTION**

| No. | DATE | BY | |
|---|---|---|---|
| 1. | 26-07-06 | C.Y. | 1st SUBMISSION |

| | | | | |
|---|---|---|---|---|
| DESIGNED BY: | D.A. | CHECKED BY: | C.Y. | DATE JULY 2026 |
| DRAWN BY: | A.C. | CHECKED BY: | C.Y. | |
| SCALE | | | | REFERENCES |

APPROVALS

MUNICIPAL APPROVAL

APPROVED IN PRINCIPLE SUBJECT TO DETAIL CONSTRUCTION CONFORMING TO TOWN OF OAKVILLE STANDARDS AND SPECIFICATIONS

MANAGER OF DEVELOPMENT SERVICES — DATE

REGIONAL APPROVAL

APPROVED DESIGN OF SANITARY, WATER SERVICES AND REGIONAL ROAD WORKS SUBJECT TO DETAIL CONSTRUCTION CONFORMING TO HALTON REGION STANDARDS & SPECIFICATIONS & LOCATIONAL APPROVAL FROM AREA MUNICIPALITY

DEVELOPMENT SERVICES, PUBLIC WORKS — DATE

FIELD NOTES

| | | | |
|---|---|---|---|
| BELL | ☐ | HYDRO | ☐ |
| GAS | ☐ | CABLE | ☐ |
| TRAFFIC | ☐ | WATER | ☐ |

STAMP

LICENSED PROFESSIONAL ENGINEER
Kaiyu Yuan
C. YUAN
100598347
2026-07-06
PROVINCE OF ONTARIO


DSEL
600 Alden Road, Suite 606
Markham, Ontario, L3R 0E7
Tel. (905) 475-3080
Fax. (905) 475-3081
www.DSEL.ca


MUNICIPALITY

OAKVILLE
DEVELOPMENT SERVICES

REGION

Halton REGION
The Regional Municipality of Halton

DEVELOPER

REMINGTON GROUP

PROJECT

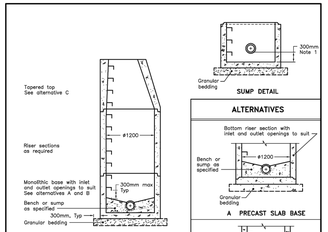
PRESERVE BLOCK 301
(275 POLLY DRIVE)

TITLE

DETAIL SHEET

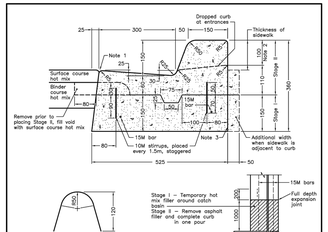
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| MUNICIPAL FILE NO. | REGIONAL FILE NO. |
|---|---|
| 24T-XXXX | DO-XXXX |
| PROJECT NO. 21-1227 | SHEET 8 |



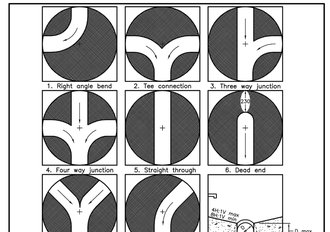

NOTES:
1 The sump is measured from the lowest invert.
A Granular backfill shall be placed to a minimum thickness of 300mm all around the maintenance hole.
B Precast concrete components shall be according to OPSD 701.030, 701.031, or 701.032.
C Structure exceeding 5.0m in depth shall include safety platform according to OPSD 404.020.
D Pipe support according to OPSD 708.020.
E For benching and pipe opening details, see OPSD 701.021.
F For adjustment unit and frame installation, see OPSD 704.010.
G All dimensions are nominal.
H All dimensions are in millimetres unless otherwise shown.

| ONTARIO PROVINCIAL STANDARD DRAWING | Nov 2014 | Rev 5 |
|---|---|---|
| PRECAST CONCRETE MAINTENANCE HOLE 1200mm DIAMETER | | OPSD 701.010 |




NOTES:
1 Flexible and composite pavement shall be placed 5mm above the adjacent edge of gutter.
2 When sidewalk is continuously adjacent, the dropped curb at entrances shall be reduced to 75mm.
3 For slipforming procedure a 5% batter is acceptable.
A Stage I surface shall be cleaned of foreign material prior to placement of Stage II material.
B Treatment at entrances shall be according to OPSD 351.010.
C Outlet treatment shall be according to the OPSD 610 Series.
D The transition from one curb type to another shall be a minimum length of 3.0m, except in conjunction with guide rail, when it shall be according to the OPSD 900 Series.
E All dimensions are in millimetres unless otherwise shown.

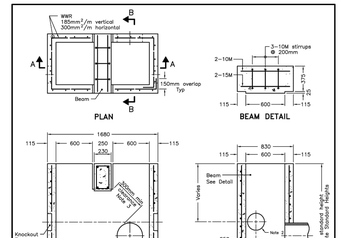
| ONTARIO PROVINCIAL STANDARD DRAWING | Nov 2012 | Rev 2 |
|---|---|---|
| CONCRETE BARRIER CURB WITH STANDARD GUTTER TWO STAGE CONSTRUCTION | | OPSD – 600.070 |




| MAXIMUM SIZE HOLE IN THE WALL IN PRECAST RISER SECTIONS | | | | | |
|---|---|---|---|---|---|
| Maintenance Hole Diameter | No. 1–4 | No. 5 and 6 | No. 8 | No.7 | |
| | | | | Inlet Hole | Outlet Hole |
| 1200 | 700 | 860 | 780 | 700 | 860 |
| 1500 | 860 | 1220 | 960 | 860 | 1170 |
| 1800 | 1220 | 1485 | 1220 | 1220 | 1485 |
| 2400 | 1485 | 2020 | 1750 | 1485 | 2020 |
| 3000 | 1930 | 2450 | 2350 | 1930 | 2450 |
| 3600 | 2470 | 3085 | 2730 | 2470 | 3085 |

NOTES:
1 Slopes shall be maintained from the outlet hole opening for top of benching.
A Concrete for benching shall be 30MPa.
B When benching is hand-finished, it shall be given wood float finish, channel shall be given steel trowel finish.
C Benching slope and height shall be as specified.
D When specified, maintenance holes that are 1200mm in diameter with a uniform channel for 200 or 250mm pipe may be prebenched at the manufacturer with standardized benching slope and channel orientation.
E All dimensions are in millimetres.
F All dimensions are in millimetres unless otherwise shown.

| ONTARIO PROVINCIAL STANDARD DRAWING | Nov 2014 | Rev 4 |
|---|---|---|
| MAINTENANCE HOLE BENCHING AND PIPE OPENING ALTERNATIVES | | OPSD 701.021 |




NOTES:
1 Outlet hole size 525mm diameter maximum, location as required.
2 200mm diameter knockout to accommodate subdrain. Knockout shall be 60mm deep.
3 Minimum clearance between beam recess and hole for pipe shall be 300mm or minimum clearance can be 150mm with addition of two 15M size rebar on 45 degree diagonal.
A Centre reinforcing in base slab and walls @200mm.
B Granular backfill shall be placed to a minimum thickness of 300mm all around the maintenance hole.
C Frame, grate, and adjustment units shall be installed according to OPSD 704.010.
D Pipe support shall be according to OPSD 708.020.
E All dimensions are nominal.
F All dimensions are in millimetres unless otherwise shown.

| ALTERNATE STANDARD HEIGHTS | |
|---|---|
| ALTERNATIVE | DIMENSION |
| A | 1980 |
| B | 1830 |
| C | 1680 |

| ONTARIO PROVINCIAL STANDARD DRAWING | Nov 2019 | Rev 4 |
|---|---|---|
| PRECAST CONCRETE TWIN INLET CATCH BASIN 600 x 1450mm | | OPSD 705.020 |




| ONTARIO PROVINCIAL STANDARD DRAWING | Nov 2018 | Rev 4 |
|---|---|---|
| CAST IRON, SQUARE FRAME WITH CIRCULAR CLOSED OR OPEN COVER FOR MAINTENANCE HOLES | | OPSD 401.010 |




NOTES:
A Locking bolt shall be securely tightened.
B All dimensions are in millimetres unless otherwise shown.

| ONTARIO PROVINCIAL STANDARD DRAWING | Nov 2018 | Rev 4 |
|---|---|---|
| CAST IRON CIRCULAR LOCKING COVER FOR MAINTENANCE HOLES | | OPSD 401.060 |




NOTES:
1 Height of fill is measured from the finished surface to top of pipe.
2 The pipe bed shall be compacted and shaped to receive the bottom of the pipe.
3 Pipe culvert frost treatment shall be according to OPSD 803.030 and 803.031.
4 Condition of excavation is symmetrical about centreline of pipe.
A Granular material placed in the haunch area shall be compacted prior to placing and compacting the remainder of the embedment material.
B Soil types as defined in the Occupational Health and Safety Act and Regulations for Construction Projects.
C All dimensions are in metres unless otherwise shown.

| ONTARIO PROVINCIAL STANDARD DRAWING | Nov 2014 | Rev 3 |
|---|---|---|
| FLEXIBLE PIPE EMBEDMENT AND BACKFILL EARTH EXCAVATION | | OPSD 802.010 |




NOTE:
1 The company undertaking welded fabrication shall be certified according to CSA W47.1. All welding shall be according to CSA W59.
A All aluminum components shall be 6000 series structural aluminum.
B All dimensions are in millimetres unless otherwise shown.

| ONTARIO PROVINCIAL STANDARD DRAWING | Nov 2018 | Rev 4 |
|---|---|---|
| MAINTENANCE HOLE STEPS HOLLOW | | OPSD 405.010 |

## TOPOGRAPHIC INFORMATION

TOPOGRAPHIC INFORMATION PROVIDED BY RADY-PENTEK & EDWARD SURVEYING LTD.: JOB No. 16–146, TOPOGRAPHIC SURVEY DATED ON JULY 5, 2016 AND DATED JULY 20, 2016.
MARSHALL MACKLIN MONAGHAN ONTARIO LTD., JOB NO 20–05052–00–000, TOPOGRAPHIC SURVEY DATED JUNE 11, 2005 TO JULY 21, 2005.

## LEGAL INFORMATION

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## BENCHMARK NOTE

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**NOT FOR CONSTRUCTION**

| No. | DATE | BY |
|---|---|---|
| 1. | 26–07–06 | C.Y. |

1st SUBMISSION

| DESIGNED BY: | D.A. | CHECKED BY: | C.Y. |
|---|---|---|---|
| DRAWN BY: | A.C. | CHECKED BY: | C.Y. |

DATE JULY 2026

SCALE

REFERENCES

FIELD NOTES

APPROVALS

MUNICIPAL APPROVAL

APPROVED IN PRINCIPLE SUBJECT TO DETAIL CONSTRUCTION CONFORMING TO TOWN OF OAKVILLE STANDARDS AND SPECIFICATIONS

MANAGER OF DEVELOPMENT SERVICES — DATE

| BELL ☐ | HYDRO ☐ |
|---|---|
| GAS ☐ | CABLE ☐ |
| TRAFFIC ☐ | WATER ☐ |

REGIONAL APPROVAL

APPROVED DESIGN OF SANITARY, WATER SERVICES AND REGIONAL ROAD WORKS SUBJECT TO DETAIL CONSTRUCTION CONFORMING TO HALTON REGION STANDARDS & SPECIFICATIONS & LOCATIONAL APPROVAL FROM AREA MUNICIPALITY

DEVELOPMENT SERVICES, PUBLIC WORKS — DATE

STAMP

LICENSED PROFESSIONAL ENGINEER
Kaya Yuan
C. YUAN
100598347
2026-07-07
PROVINCE OF ONTARIO

DSEL
600 Alden Road, Suite 606
Markham, Ontario, L3R 0E7
Tel. (905) 475-3080
Fax. (905) 475-3081
www.DSEL.ca

MUNICIPALITY
OAKVILLE DEVELOPMENT SERVICES

REGION
Halton REGION
The Regional Municipality of Halton

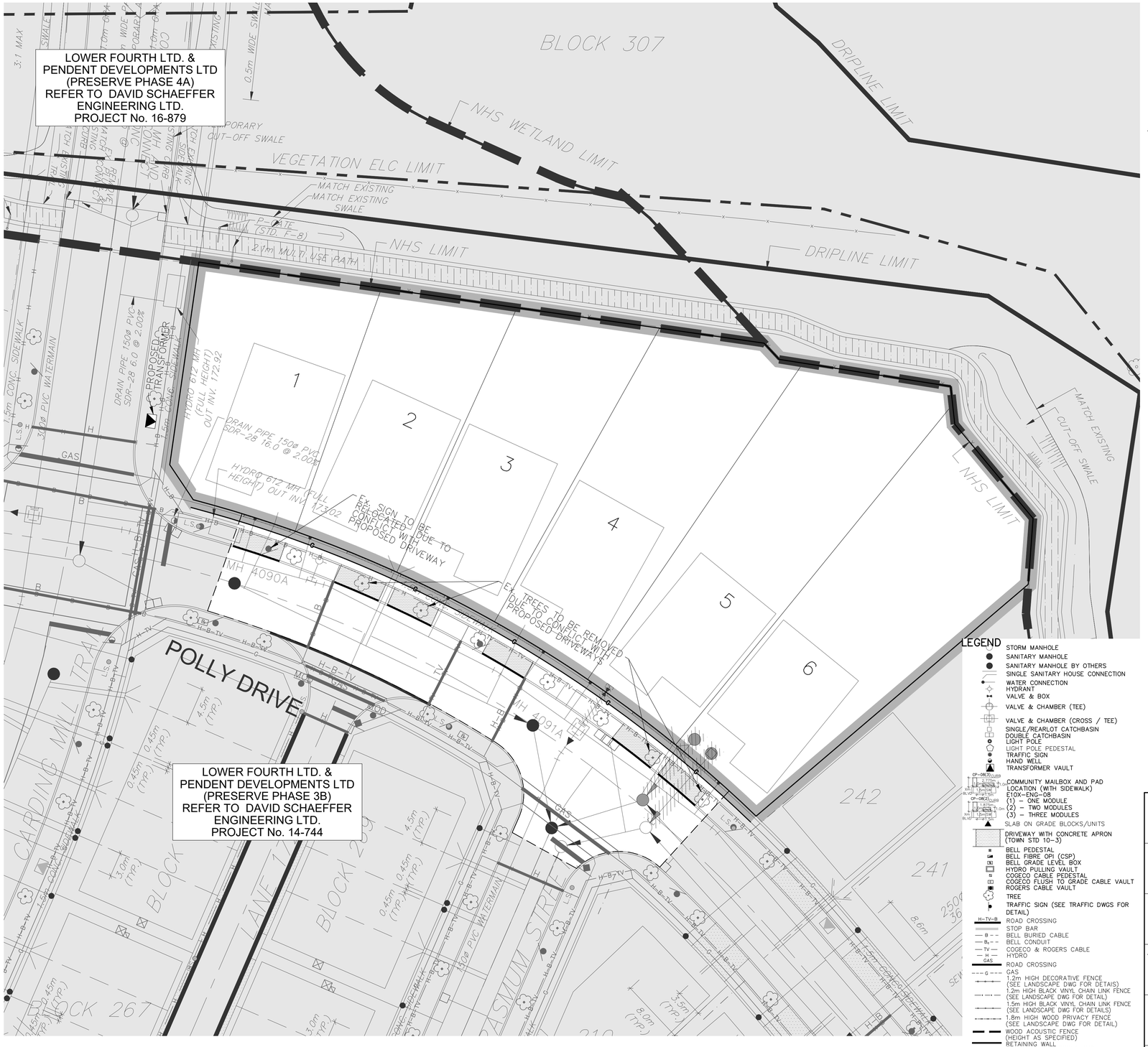
DEVELOPER
REMINGTON GROUP

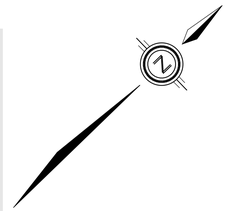
PROJECT
PRESERVE BLOCK 301
(275 POLLY DRIVE)

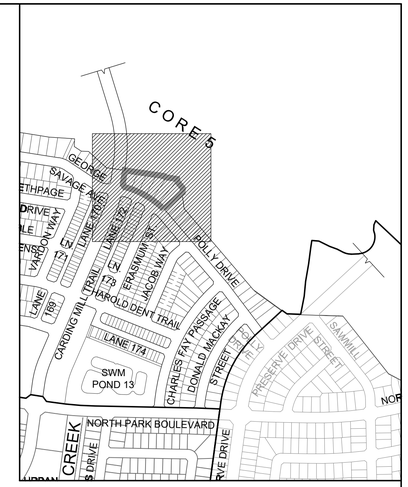
TITLE
DETAIL SHEET

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| MUNICIPAL FILE NO. | REGIONAL FILE NO. |
|---|---|
| 24T–XXXX | DO–XXXX |
| PROJECT NO. | SHEET |
| 21–1227 | 9 |






## TOPOGRAPHIC INFORMATION

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## NOT FOR CONSTRUCTION

| No. | DATE | BY |
|---|---|---|
| 1. | 26-07-06 | C.Y. 1st SUBMISSION |

## NOTES:

1. ALL EXISTING BUILDINGS, POST & WIRE FENCE, TREES, UTILITY POLES, CULVERTS AND RETAINING WALLS, ETC. WITHIN LOTS AND BLOCKS TO BE REMOVED, UNLESS OTHERWISE NOTED
2. EXISTING MH AND CB COVERS, WATER V&Bs, WATER V&Cs AND UTILITY PEDESTALS ETC. TO BE ADJUSTED WITHIN NEW ROADWAYS AND BOULEVARDS, WHERE APPLICABLE
3. CONTRACTOR TO VERIFY THE PRECISE LOCATIONS AND INVERT ELEVATIONS OF Ex. UNDERGROUND SERVICES AND Ex. UTILITIES PRIOR TO STARTING CONSTRUCTION
4. ANY DISTURBED AREA DURING CONSTRUCTION TO BE RESTORED TO THE ORIGINAL CONDITION OR BETTER TO THE SATISFACTION OF THE AUTHORITIES HAVING JURISDICTION
5. WRITTEN PERMISSION REQUIRED FOR WORK ON ADJACENT LANDS
6. DESIGN COORDINATION OF UTILITIES IS ONGOING. UPON UTILITY DESIGN BEING FINALIZED, ALL UTILITIES ARE REQUIRED TO SIGN OFF OF RESPECTIVE DESIGN ON THE COMPOSITE UTILITY PLAN
7. 1. UTILITY ASSET LOCATIONS SHOWN ON THIS DRAWING ARE BASED ON DESIGN DRAWINGS AND ARE SUBJECT TO CHANGE DURING CONSTRUCTION; 2. OAKVILLE HYDRO RESERVES THE RIGHT TO APPROVE OR DENY TREES IN THE VICINITY OF TRANSFORMERS OR ANY OTHER ASSETS; 3. NO UTILITY PEDESTAL, MAILBOX, TREE AND/OR OTHER ASSETS ALLOWED TO BE INSTALLED ON TOP OF JOINT USE UTILITY TRENCH (HYDRO/GAS/BELL/COGECO)
8. ALL UNITS TO BE PROVIDED WITH SUMP PUMPS, UNLESS OTHERWISE NOTED. SEE DWG. 8 FOR DETAIL
9. ALL UNITS TO BE PROVIDED WITH PRESSURE REDUCING VALVES, UNLESS OTHERWISE NOTED. SEE WATERMAIN MEMO FOR DETAIL.
10. STORM PIPES WILL BE SURCHARGED DURING, AND IN EXCESS OF 5YR STORM. OAKVILLE HYDRO ACKNOWLEDGES AND ACCEPTS THE POTENTIAL FOR SURCHARGING INTO THE TRANSFORMER VAULTS

## LEGEND

- STORM MANHOLE
- SANITARY MANHOLE
- SANITARY MANHOLE BY OTHERS
- SINGLE SANITARY HOUSE CONNECTION
- WATER CONNECTION
- HYDRANT
- VALVE & BOX
- VALVE & CHAMBER (TEE)
- VALVE & CHAMBER (CROSS / TEE)
- SINGLE/REARLOT CATCHBASIN
- DOUBLE CATCHBASIN
- LIGHT POLE
- LIGHT POLE PEDESTAL
- TRAFFIC SIGN
- HAND WELL
- TRANSFORMER VAULT
- COMMUNITY MAILBOX AND PAD LOCATION (WITH SIDEWALK) E10K-ENG-08 (1) – ONE MODULE (2) – TWO MODULES (3) – THREE MODULES
- SLAB ON GRADE BLOCKS/UNITS
- DRIVEWAY WITH CONCRETE APRON (TOWN STD 10-3)
- BELL PEDESTAL
- BELL FIBRE OPI (CSP)
- BELL GRADE LEVEL BOX
- HYDRO PULLING VAULT
- COGECO CABLE PEDESTAL
- COGECO FLUSH TO GRADE CABLE VAULT
- ROGERS CABLE VAULT
- TREE
- TRAFFIC SIGN (SEE TRAFFIC DWGS FOR DETAIL)
- H-TV-B ROAD CROSSING
- STOP BAR
- B BELL BURIED CABLE
- $B_x$ BELL CONDUIT
- TV COGECO & ROGERS CABLE
- H HYDRO
- GAS ROAD CROSSING
- G GAS
- 1.2m HIGH DECORATIVE FENCE (SEE LANDSCAPE DWG FOR DETAIS)
- 1.2m HIGH BLACK VINYL CHAIN LINK FENCE (SEE LANDSCAPE DWG FOR DETAIL)
- 1.5m HIGH BLACK VINYL CHAIN LINK FENCE (SEE LANDSCAPE DWG FOR DETAILS)
- 1.8m HIGH WOOD PRIVACY FENCE (SEE LANDSCAPE DWG FOR DETAIL)
- WOOD ACOUSTIC FENCE (HEIGHT AS SPECIFIED)
- RETAINING WALL (SEE NOTES ON DWG 1 AND STRUCTURAL DWG FOR DETAIL)
- PHASE LINE
- NOT PART OF SITE PLAN
- GUY WIRE
- TACTILE WALKING SURFACE INDICATOR (OPSD-310.033 & OPSD-310.039)

| | | |
|---|---|---|
| CANADA POST CORPORATION | SIGN | |
| | DATE | |
| OAKVILLE HYDRO | SIGN | |
| | DATE | |
| BELL CANADA | SIGN | |
| | DATE | |
| ENBRIDGE | SIGN | |
| | DATE | |
| COGECO CABLE | SIGN | |
| | DATE | |
| ROGERS CABLE | SIGN | |
| | DATE | |

| | | | |
|---|---|---|---|
| DESIGNED BY: | D.A. | CHECKED BY: | C.Y. |
| DRAWN BY: | A.C. | CHECKED BY: | C.Y. |

SCALE HORIZ. 1:250 (0, 2.5, 5, 7.5, 10)

DATE JULY 2026

REFERENCES

FIELD NOTES

## APPROVALS

MUNICIPAL APPROVAL

APPROVED IN PRINCIPLE SUBJECT TO DETAIL CONSTRUCTION CONFORMING TO TOWN OF OAKVILLE STANDARDS AND SPECIFICATIONS

MANAGER OF DEVELOPMENT SERVICES — DATE

REGIONAL APPROVAL

APPROVED DESIGN OF SANITARY, WATER SERVICES AND REGIONAL ROAD WORKS SUBJECT TO DETAIL CONSTRUCTION CONFORMING TO HALTON REGION STANDARDS & SPECIFICATIONS & LOCATIONAL APPROVAL FROM AREA MUNICIPALITY

DEVELOPMENT SERVICES, PUBLIC WORKS — DATE

| | | | |
|---|---|---|---|
| BELL | ☐ | HYDRO | ☐ |
| GAS | ☐ | CABLE | ☐ |
| TRAFFIC | ☐ | WATER | ☐ |

STAMP

LICENSED PROFESSIONAL ENGINEER — Kaya Yuan — C. YUAN — 100598347 — 2026-07-06 — PROVINCE OF ONTARIO

DSEL
600 Alden Road, Suite 606
Markham, Ontario, L3R 0E7
Tel. (905) 475-3080
Fax. (905) 475-3081
www.DSEL.ca

MUNICIPALITY: OAKVILLE DEVELOPMENT SERVICES

REGION: The Regional Municipality of Halton

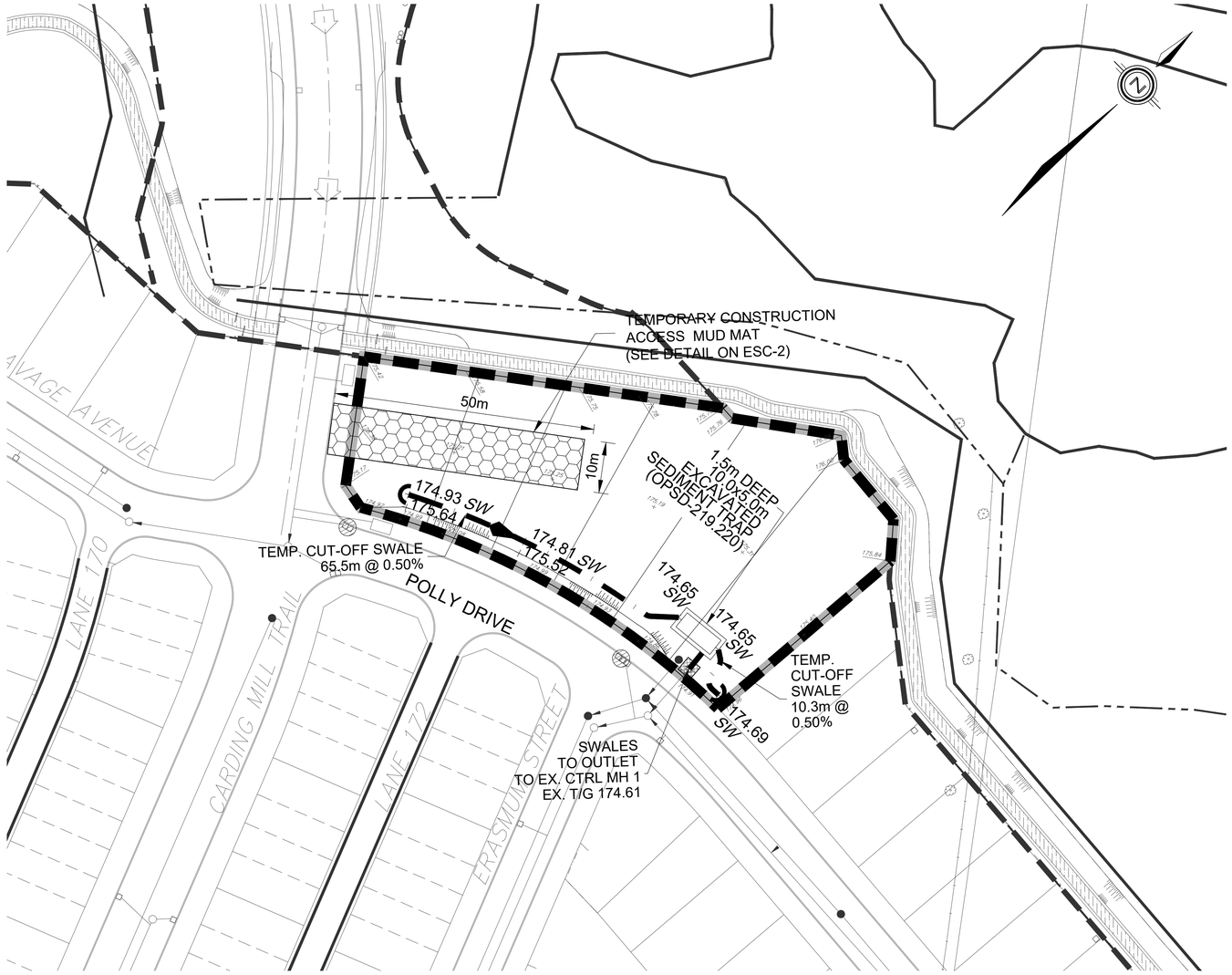
DEVELOPER: REMINGTON GROUP

PROJECT: PRESERVE BLOCK 301 (275 POLLY DRIVE)

TITLE: COMPOSITE UTILITY PLAN

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| | |
|---|---|
| MUNICIPAL FILE NO. 24T-XXXX | REGIONAL FILE NO. DO-XXXX |
| PROJECT NO. 21-1227 | SHEET CUP-1 |




## GENERAL MONITORING & MAINTENANCE OF EROSION & SEDIMENT CONTROLS

1. THE EROSION AND SEDIMENT CONTROL PLAN IS A DYNAMIC DOCUMENT WHICH MAY BE SUBJECT TO CHANGE OR MODIFICATIONS AS SITE CONDITIONS CHANGE TO PREVENT SEDIMENT RELEASE TO THE NATURAL ENVIRONMENT.
2. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE ROUTINELY INSPECTED AND MAINTAINED IN PROPER WORKING ORDER AND CLEANED PERIODICALLY AS REQUIRED BY THE CONTRACTOR.
3. ALL DAMAGED EROSION AND SEDIMENT CONTROL MEASURES SHOULD BE REPAIRED AND/OR REPLACED WITHIN 48 HOURS' NOTICE.
4. ADDITIONAL ESC MATERIALS (I.E. SILT FENCE, FILTER SOCKS, STRAW BALES, CLEAR STONE ETC.) ARE TO BE KEPT ON-SITE FOR EMERGENCIES AND REPAIRS.
5. SEDIMENT SHOULD BE REMOVED FROM THE SEDIMENT CONTROL FENCING ONCE SEDIMENT HAS ACCUMULATED TO A LEVEL OF 1/3 THE HEIGHT OF THE FENCING OR TO A MAXIMUM HEIGHT OF 0.3M. ALL ACCUMULATED SEDIMENT SHOULD BE REMOVED PRIOR TO THE REMOVAL OF THE ESC MEASURES.
6. SEDIMENT ACCUMULATION IN THE TEMPORARY SEDIMENT BASIN MUST BE MEASURED A MINIMUM OF ONCE EVERY 6 MONTHS. THE BASIN WILL REQUIRE CLEANING WHEN SEDIMENT ACCUMULATION REACHES 50% OF THE FOREBAY DESIGN CAPACITY.
7. THE CONTRACTOR SHALL MONITOR WEATHER FORECAST TO ENSURE THAT THE WORKS WILL BE CONDUCTED IN FAVOURABLE WEATHER. CONSTRUCTION SHOULD BE AVOIDED DURING UNUSUALLY WET, RAINY OR WINTER THAW CONDITIONS.
8. SEDIMENT CONTROL FENCING TO REMAIN IN PLACE UNTIL THE WORK AREA HAS BEEN STABILIZED AND REVEGETATED, AND WRITTEN DIRECTION IS RECEIVED FROM THE PROJECT ENVIRONMENTAL CONSULTANT.
9. DURING CONSTRUCTION THE FREQUENCY FOR EROSION AND SEDIMENT CONTROL INSPECTIONS BY THE PROJECT ENVIRONMENTAL CONSULTANT SHOULD BE COMPLETED AS FOLLOWS:
   a. ON A WEEKLY BASIS
   b. PRIOR TO PREDICTED SIGNIFICANT RAINFALL OR SNOWMELT EVENTS
   c. SUBSEQUENT TO SIGNIFICANT RAIN EVENTS OR SNOWMELTS
   d. DAILY DURING EXTENDED RAIN OR SNOWMELT PERIODS
   e. DURING INACTIVE CONSTRUCTION PERIODS, WHERE THE SITE IS LEFT ALONE FOR 30 DAYS OR LONGER, A MONTHLY INSPECTION CAN BE CONDUCTED.

## PUMPING AND UNWATERING

1. ALL PUMPING DISCHARGE SHOULD BE, AT A MINIMUM, TO A FILTER BAG OR APPROVED EQUIVALENT, TO A LOCATION APPROVED BY THE PROJECT ENVIRONMENTAL CONSULTANT, AND AS PER THE REQUIREMENTS OF THE PERMIT TO TAKE WATER (IF APPLICABLE).

## GENERAL NOTES

1. THE LOCATION AND ELEVATION OF ALL EXISTING SERVICES AND UTILITIES ARE TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR AT THEIR EXPENSE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RESTORATION AND/OR REPAIR OF EXISTING UTILITIES DISTURBED DURING CONSTRUCTION.
2. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE "OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS FOR THE CONSTRUCTION PROJECTS". THE GENERAL CONTRACTOR SHALL BE DESIGNATED AS THE CONSTRUCTOR AS DEFINED IN THE ACT.
3. THE FUTURE ROAD LAYOUT SHOWN ON THIS PLAN IS PRELIMINARY AND IS BEING PROVIDED FOR REFERENCE ONLY.
4. THE SILTATION CONTROL PLAN IS INTENDED TO ASSIST THE CONTRACTOR IN THE LAYOUT AND CONSTRUCTION OF THE SILTATION CONTROL FEATURES ONLY. THIS DRAWING SHALL NOT BE USED FOR CONSTRUCTION OF SITE SERVICES OR ANY OTHER CONSTRUCTION ACTIVITIES.
5. ENGINEERED FILL TO BE FREE OF ORGANIC & DELETERIOUS MATERIAL.
6. ALL FILL MATERIAL TO BE APPROVED BY THE PROJECT GEOTECHNICAL CONSULTANT PRIOR TO PLACING.
7. ALL COMPACTION TO BE COMPLETED AS DIRECTED BY THE PROJECT GEOTECHNICAL CONSULTANT.
8. TEMPORARY SEDIMENT BASIN TO BE CONSTRUCTED UNDER THE SUPERVISION OF THE PROJECT GEOTECHNICAL CONSULTANT.
9. APPROXIMATE REGULATION AREA TO BE CONFIRMED PRIOR TO COMMENCEMENT OF WORK.
10. WORKS WITHIN 10M FROM THE LIMIT OF AN ENVIRONMENTALLY SIGNIFICANT FEATURE TO BE COMPLETED USING SMALL EQUIPMENT TO THE EXTENT POSSIBLE UNDER THE SUPERVISION OF THE PROJECT ENVIRONMENTAL CONSULTANT.
11. WASH-DOWN AREA TO BE PROVIDED DURING CONSTRUCTION AS REQUIRED.
12. EQUIPMENT AND MACHINERY SHALL NOT ENTER OR CROSS ANY WATERCOURSES FOR ANY REASON AND CONCRETE WASH WATER STATIONS SHALL BE LOCATED AT LEAST 50 METERS AWAY FROM ALL WATER COURSES.
13. ALL DITCHES ON MUNICIPAL ROADWAYS ARE TO HAVE SILT CONTROL MEASURES PROVED AND MAINTAINED AS DIRECTED BY THE AUTHORITY HAVING JURISDICTION.
14. ALL WORKS TO BE IN ACCORDANCE WITH THE TOWN OF OAKVILLE SITE ALTERATION BY-LAW NO. 2003-021.
15. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT THE EROSION AND SEDIMENT CONTROLS ARE MAINTAINED AND OPERATING AS INTENDED, INCLUDING MAKING FIELD ADJUSTMENTS AS NECESSARY, TO THE SATISFACTION OF THE TOWN OF OAKVILLE AND CONSERVATION HALTON.
16. THE CONTRACTOR MUST HAVE SEVERAL SPILL KITS ON-SITE AT ALL TIMES.
17. PERMISSION FROM ADJACENT LANDOWNER IS REQUIRED PRIOR TO COMPLETION OF ANY WORKS ON ADJACENT PROPERTY.
18. INSPECTORS USED ON THE PROJECT ARE TO BE QUALIFIED PROFESSIONALS TRAINED IN SEDIMENT AND EROSION CONTROLS (CERTIFIED INSPECTOR OF SEDIMENT AND EROSION CONTROL (CISEC), CERTIFIED PROFESSIONAL ENGINEER IN EROSION AND SEDIMENT CONTROL (CPESC) OR APPROVED EQUIVALENT).

## GENERAL SPILL CONTROL NOTES

1. ALL CONSTRUCTION ACTIVITIES, INCLUDING MAINTENANCE PROCEDURES, WILL BE CONTROLLED TO PREVENT THE ENTRY OF DEBRIS, SEDIMENTS, OR OTHER DELETERIOUS PRODUCTS TO ANY ENVIRONMENTALLY SENSITIVE AREAS.
2. ALL CONSTRUCTION EQUIPMENT SHALL BE REFUELED, MAINTAINED AND STORED NO LESS THAN 30 METERS FROM WATERCOURSES, STREAM, CREEKS, WOODLOTS, WETLANDS AND ANY ENVIRONMENTALLY SENSITIVE AREAS, OR AS OTHERWISE SPECIFIED.
3. ALL CONTRACTORS MUST IMPLEMENT ALL NECESSARY MEASURES IN ORDER TO PREVENT LEAKS, DISCHARGES OR SPILLS OF POLLUTANTS, DELETERIOUS, MATERIALS, OR OTHER SUCH MATERIALS OR SUBSTANCES WHICH WOULD OR COULD CAUSE AN ADVERSE IMPACT TO THE NATURAL ENVIRONMENT.
4. IN THE EVENT OF A LEAK, DISCHARGE, OR SPILL OF A POLLUTANT, DELETERIOUS MATERIAL, OR OTHER SUCH MATERIAL OR SUBSTANCE WHICH WOULD OR COULD CAUSE AN ADVERSE IMPACT TO THE NATURAL ENVIRONMENT, THE CONTRACTOR SHALL:
   a. IMMEDIATELY NOTIFY THE MINISTRY OF ENVIRONMENT (SPILL ACTION CENTER) AT 1-800-268-6060.
   b. TAKE IMMEDIATE MEASURES TO CONTAIN THE MATERIAL OR SUBSTANCE, AND TO TAKE SUCH MEASURES AS THEY DEEM APPROPRIATE TO MITIGATE AGAINST ANY ADVERSE IMPACTS TO THE NATURAL ENVIRONMENT.
   c. RESTORE THE AFFECTED AREA TO ORIGINAL CONDITION OR BETTER, ALL TO THE SATISFACTION OF THE AUTHORITIES HAVING JURISDICTION.
   d. ADDITIONALLY, IMMEDIATELY NOTIFY THE TOWN OF THE INCIDENT.

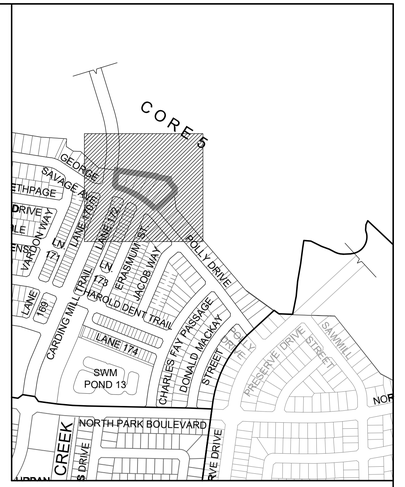
## IN-WATER WORKS

1. WORKS SHALL BE COMPLETED DURING THE DESIGNATED IN-WATER WORKS WINDOW SET OUT BY MNR/DFO IF APPLICABLE.

## REDSIDE DACE PROTECTION NOTES

THE ADJACENT WATERCOURSE HAS BEEN DESIGNATED BY THE MNRF AS REDSIDE DACE HABITAT. THIS SPECIES IS LISTED UNDER THE ENDANGERED SPECIES ACT (ESA, 2007), AND AS SUCH THE HABITAT IS PROTECTED UNDER THE ACT. REDSIDE DACE ARE KNOWN TO BE SENSITIVE TO SEDIMENT INPUT AND TURBIDITY. THEREFORE, INSTALLATION, MAINTENANCE, AND MONITORING OF ALL EROSION AND SEDIMENT CONTROL MEASURES ARE IMPORTANT FOR THE PROTECTION OF THE SPECIES. THE FOLLOWING MUST BE ADHERED TO DURING THE ENTIRETY OF THE WORKS:

1. WORKS ARE LIMITED TO THE AREAS SHOWN.
2. IT IS RECOMMENDED THAT AN ENVIRONMENTAL INSPECTOR BE PRESENT DURING CONSTRUCTION TO ENSURE THAT WORKS ARE COMPLETED AND FUNCTIONING AS INTENDED.
3. ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED BEFORE COMMENCEMENT OF WORK.
4. NO WORKS ARE TO PROCEED UNTIL THE EROSION AND SEDIMENT CONTROLS HAVE BEEN REVIEWED AND APPROVED BY THE ENVIRONMENTAL INSPECTOR.
5. ALL EROSION AND SEDIMENT CONTROLS ARE TO BE INSPECTED DAILY DURING PERIODS OF NEAR-CHANNEL WORKS.
6. ALL EROSION AND SEDIMENT CONTROLS ARE TO BE CONTINUALLY MAINTAINED.
7. DISTURBANCE TO NATURAL VEGETATION IS TO BE MINIMIZED WHERE POSSIBLE.
8. VEHICLES AND ALL ASSOCIATED CONSTRUCTION MATERIALS ARE TO REMAIN AWAY FROM THE WATERCOURSE AND STORED IN OUTLINED STAGING AREAS. THESE STAGING AREAS SHALL BE SITUATED OUTSIDE OF THE REGULATED HABITAT LIMITS (I.E., MEANDER BELT PLUS 30 METERS).
9. ONCE CONSTRUCTION IS COMPLETE, ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 15 DAYS OF THE COMPLETION OF THE WORK, TO MINIMIZE EROSION AND PREVENT RELEASE OF SEDIMENT INTO THE WATERCOURSE




## TOPOGRAPHIC INFORMATION

TOPOGRAPHIC INFORMATION PROVIDED BY RADY-PENTEK & EDWARD SURVEYING LTD.: JOB No. 16-146, TOPOGRAPHIC SURVEY DATED ON JULY 5, 2016 AND DATED JULY 20, 2016.
MARSHALL MACKLIN MONAGHAN ONTARIO LTD., JOB NO 20-05052-00-000, TOPOGRAPHIC SURVEY DATED JUNE 11, 2005 TO JULY 21, 2005.

## LEGAL INFORMATION

CONCEPT PLAN PROVIDED BY KORSIAK URBAN PLANNING LTD., DATED DECEMBER 13, 2024.

## BENCHMARK NOTE

ELEVATIONS ARE GEODETIC AND ARE REFERRED TO MINISTRY OF TRANSPORTATION ONTARIO FIRST-ORDER VERTICAL BENCH MARK NUMBER 0081981814 HAVING AN ORTHOMETRIC ELEVATION OF 188.594 METRES. ELEVATIONS ARE REFERENCED TO THE CANADIAN GEODETIC VERTICAL DATUM OF 1928, 1978 ADJUSTMENT (CGVD-1928:1978).
STEEL ROD WITH BRASS CAP BENCH MARK ON NORTH SIDE OF BURNHAMTHORPE RD., 138.7 M. EAST OF THE JCT OF BURNHAMTHORPE RD AND SIXTH LINE RD IN OAKVILLE, AND 9.2 M NORTH OF CENTRELINE OF BURNHAMTHORPE RD, BENCH MARK IS SET 11 M SOUTH OF NORTH RIGHT-OF-WAY FENCE OF BURNHAMTHORPE RD AND IS MARKED BY A STEEL MARKER 46 CM EAST OF BENCH MARK.

**NOT FOR CONSTRUCTION**

| No. | DATE | BY |
|---|---|---|
| 1. | 26-07-06 | D.P. 1st SUBMISSION |

| | | | | |
|---|---|---|---|---|
| DESIGNED BY: | K.Y. | CHECKED BY: | D.P. | DATE JULY 2026 |
| DRAWN BY: | A.C. | CHECKED BY: | D.P. | |
| SCALE HORIZ. 1:500 (0 5 10 15 20) | | | | REFERENCES |

APPROVALS

MUNICIPAL APPROVAL

APPROVED IN PRINCIPLE SUBJECT TO DETAIL CONSTRUCTION CONFORMING TO TOWN OF OAKVILLE STANDARDS AND SPECIFICATIONS

MANAGER OF DEVELOPMENT SERVICES — DATE

REGIONAL APPROVAL

APPROVED DESIGN OF SANITARY, WATER SERVICES AND REGIONAL ROAD WORKS SUBJECT TO DETAIL CONSTRUCTION CONFORMING TO HALTON REGION STANDARDS & SPECIFICATIONS & LOCATIONAL APPROVAL FROM AREA MUNICIPALITY

LEGISLATIVE AND PLANNING SERVICES — DATE

FIELD NOTES

| | | | |
|---|---|---|---|
| BELL | ☐ | HYDRO | ☐ |
| GAS | ☐ | CABLE | ☐ |
| TRAFFIC | ☐ | WATER | ☐ |

STAMP

LICENSED PROFESSIONAL ENGINEER — D.M.PRIDDLE — 100216848 — 26-01-06 — PROVINCE OF ONTARIO

DSEL
600 Alden Road, Suite 606
Markham, Ontario, L3R 0E7
Tel. (905) 475-3080
Fax. (905) 475-3081
www.DSEL.ca

MUNICIPALITY: OAKVILLE DEVELOPMENT SERVICES

REGION: Halton Region — The Regional Municipality of Halton

DEVELOPER: REMINGTON GROUP

PROJECT: PRESERVE BLOCK 301 (275 POLLY DRIVE)

TITLE: EROSION & SEDIMENT CONTROL PLAN

© DSEL

| | |
|---|---|
| MUNICIPAL FILE NO. 24T-23002/1331 | REGIONAL FILE NO. DO-XXXX |
| PROJECT NO. 20-1218 | SHEET NO. ESC-1 |

## STAGE 1 – CONSTRUCTION SEQUENCING

1. ALL EROSION AND SEDIMENT CONTROL MEASURES TO BE INSTALLED WITHIN GRADING LIMITS OF WETLAND RECONSTRUCTION AREA ONLY
2. SITE WORKS TO PROGRESS AS SPECIFIED IN THE 'GENERAL SEQUENCE OF ACTIVITIES' NOTES
3. NO WORKS TO OCCUR WITHIN ANY CONSERVATION HALTON REGULATED LANDS, UNLESS PERMISSION HAS BEEN GRANTED BY CONSERVATION HALTON

## PRIOR TO SITE GRADING

1. PRIOR TO THE COMMENCEMENT OF SITE GRADING WORKS, ALL SILTATION CONTROL MEASURES SHALL BE INSTALLED AND OPERATIONAL. THE EXACT LOCATION TO BE DETERMINED IN THE FIELD AND APPROVED BY THE PROJECT ENVIRONMENTAL CONSULTANT AND AUTHORITY HAVING JURISDICTION.
2. ANY TREES SELECTED BY THE PROJECT ARBORIST FOR PRESERVATION ARE TO BE PROTECTED BY TREE PROTECTION FENCE. THE PROJECT ARBORIST TO INDICATE ANY TREES THAT ARE TO BE TRANSPLANTED.
3. REMOVAL OF THE SITE VEGETATION IN ACCORDANCE WITH ALL APPLICABLE BY-LAWS.
4. NO WORK IS PERMITTED WITHIN THE CONSERVATION HALTON REGULATION LIMITS WITHOUT A PERMIT FROM THE CONSERVATION HALTON BEING POSTED ON-SITE.

## GENERAL SEQUENCE OF ACTIVITIES

1. INSTALLATION OF ALL TREE PROTECTION FENCING WHERE INDICATED. CONFIRMATION OF LOCATIONS TO BE PROVIDED BY THE PROJECT ARBORIST.
2. INSTALLATION OF THE PERIMETER SEDIMENT CONTROL FENCING WHERE INDICATED.
3. CONSTRUCTION OF THE MUD MATS.
4. STRIP TOPSOIL, EXCAVATE THE TEMPORARY SEDIMENT BASIN, INSTALL TEMPORARY OUTFALL AND STABILIZE THE BASIN.
5. INSTALLATION OF THE SEDIMENT CONTROL FENCING AROUND TEMPORARY STOCKPILE LOCATIONS.
6. REMOVAL OF INDICATED SITE VEGETATION IN ACCORDANCE WITH ALL APPLICABLE BY-LAWS AND START TOPSOIL STRIPPING AT THE STOCKPILE LOCATIONS ONLY.
7. ALL PROPOSED CUT-OFF SWALES AND SEDIMENT TRAPS (WHERE APPLICABLE) TO BE CONSTRUCTED AT A PRIORITY IN ORDER TO DIVERT THE OVERLAND FLOW INTO THE APPROVED OUTLET LOCATION AS PER DESIGN.
8. COMPLETE SITE GRADING, WHILE MAINTAINING CUT-OFF SWALES IN ORDER TO DIRECT SITE DRAINAGE TO THE TEMPORARY SEDIMENT BASIN.
9. ANY IN-WATER AND NEAR-WATER WORKS WILL BE CONDUCTED IN THE DRY WITH APPROPRIATE EROSION AND SEDIMENT CONTROLS IN PLACE.

## SITE ENTRANCE / MUD & DUST CONTROL

1. CONTRACTOR TO INSTALL AND MAINTAIN MUD MATS AT CONSTRUCTION ACCESSES IN ORDER TO REDUCE MUD TRACKING ONTO ADJACENT ROADS.
2. ALL EXISTING CATCHBASINS ADJACENT TO THE SITE, OR WITH IN 100M OF THE SITE ENTRANCE ALONG THE HAUL ROUTE, TO BE DOUBLE WRAPPED WITH FILTER FABRIC (TERRAFIX 270R OR APPROVED EQUIVALENT) UNDER THE GRATE. FILTER FABRIC TO BE MAINTAINED AND REPLACED AS REQUIRED UNTIL THE SITE IS STABILIZED.
3. MACHINERY IS TO ARRIVE ON SITE IN A CLEAN CONDITION (INCLUDING FREE OF MUD / SOIL / DIRT FROM OTHER LOCATIONS; INCLUDING CLEAN WHEELS / TIRES / TRACKS) AND FREE OF FLUID LEAKS.
4. NO CONSTRUCTION ACTIVITY OR MACHINERY SHALL INTRUDE BEYOND THE SILT FENCE. ALL CONSTRUCTION VEHICLES SHALL EXIT THE SITE VIA THE TEMPORARY CONSTRUCTION ACCESSES SHOWN ON THE DRAWING ONLY.
5. CONTRACTOR TO CLEAN THE ADJACENT ROADS ON A REGULAR BASIS TO THE SATISFACTION OF THE AUTHORITY HAVING JURISDICTION.
6. ALL CONSTRUCTION ENTRANCE SIGNAGE MUST BE INSTALLED AS PER BOOK 7 – TEMPORARY CONDITIONS OF THE ONTARIO TRAFFIC MANUAL (OTM).

## STOCKPILES AND STABILIZATION

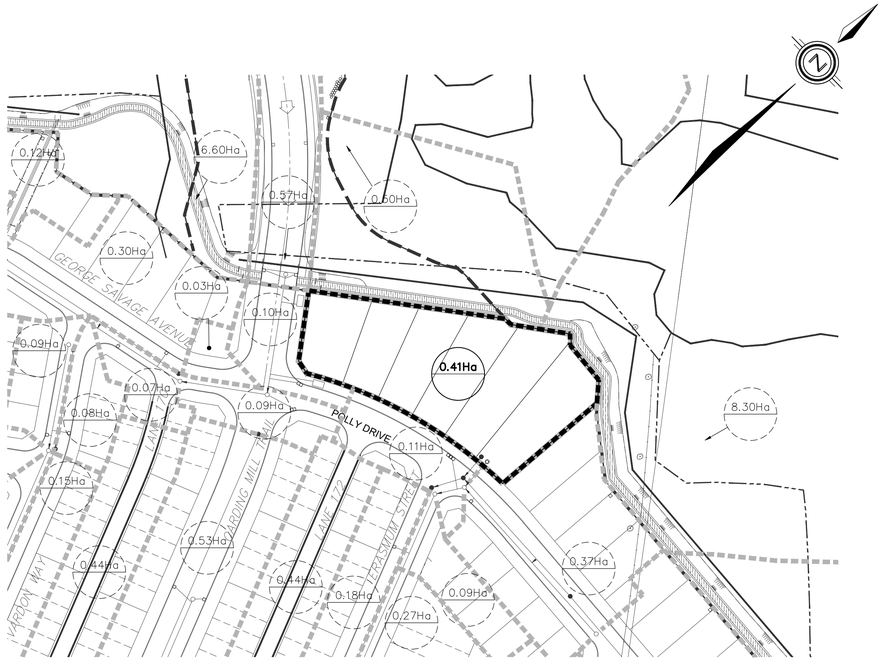
1. ALL TOPSOIL STOCKPILES SHALL BE SURROUNDED WITH SILT CONTROL FENCING.
2. DISTURBED AREAS WILL BE MINIMIZED TO THE EXTENT POSSIBLE, AND TEMPORARILY OR PERMANENTLY STABILIZED OR RESTORED AS THE WORK PROGRESSES. ALL DISTURBED GROUND (INCLUDING STOCKPILES) LEFT INACTIVE FOR MORE THAN 30 DAYS SHALL BE STABILIZED USING APPROPRIATE EROSION CONTROL MEASURES AND AN APPROPRIATE NATIVE NON-INVASIVE SEED MIX OR WITH THE FINAL APPROVED RESTORATION PLAN.
3. TOPSOIL STOCKPILED FOR OVER SIX (6) MONTHS SHOULD BE AMENDED WITH COMPOST.
4. PLANT MATERIAL AND LEAF LITTER, WITH THE EXCEPTION OF INVASIVE SPECIES, WHICH ARE GENERATED BY CLEARING THE SITE, ARE TO BE STOCKPILED.
   a. LARGE WOODY MATERIAL TO BE SEPARATED AND SET ASIDE FOR USE IN NEARBY NATURAL HERITAGE RESTORATION AREAS, IF APPLICABLE.
5. STOCKPILED FILL CANNOT BE LOCATED WITHIN 15M OF A WATERCOURSE OR STORMWATER MANAGEMENT BLOCK.

## SEDIMENT BASIN CONVERSION TO ULTIMATE SWM POND

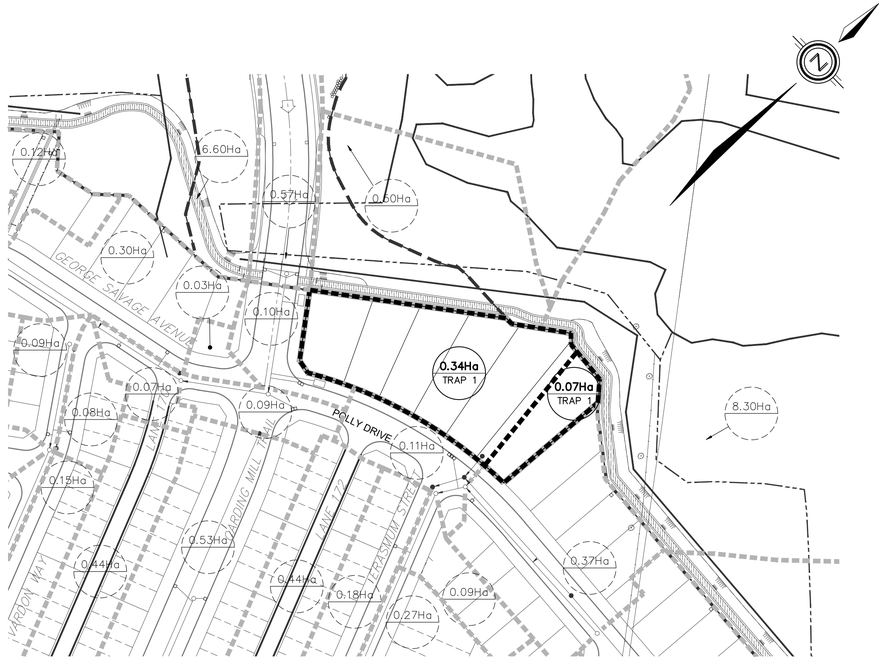
1. SETUP PUMP IN THE TEMPORARY SEDIMENT BASIN AND PUMP TO THE EXISTING TEMPORARY OUTFALL WITH A MINIMUM OF A FILTER BAG AT THE DISCHARGE LOCATION. PUMPING SETUP MUST BE REVIEWED BY THE PROJECT ENVIRONMENTAL CONSULTANT PRIOR TO COMMENCING.
2. DISCHARGE RATES TO BE RESTRICTED BY THE PERMIT TO TAKE WATER (WHERE APPLICABLE), EXISTING SEDIMENT BASIN EXTENDED DETENTION DISCHARGE RATE OR AS RECOMMENDED BY THE PROJECT ENVIRONMENTAL CONSULTANT. THE LOWEST FLOW RATE WILL GOVERN.
3. ONCE THE BASIN HAS BEEN DEWATERED, ANY REQUIRED GRADING WORKS WILL BE COMPLETED TO CONVERT THE TEMPORARY SEDIMENT BASIN TO THE ULTIMATE SWM POND GRADES, AND THE ULTIMATE SWM POND OUTFALL WILL BE INSTALLED CONCURRENTLY.

**LEGEND**

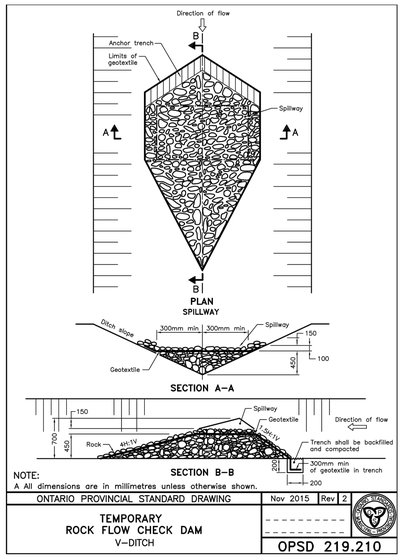
- BOUNDARY
- SILT FENCE
- DOUBLE SILT FENCE
- SWALE
- ROCK CHECK DAM
- FILTERSOCK
- 162.80 SW — PROPOSED SWALE CENTERLINE GRADE
- INTERIM FLOW DIRECTION
- STREET CB SILT PROTECTION (SEE DETAIL ON THIS DWG)
- STREET CB SILT PROTECTION (SEE DETAIL ON THIS DWG)
- TREE PROTECTION FENCE




SILT CONTROL TRIBUTARY AREA
PRE–DEVELOPMENT
SCALE: 1:1000

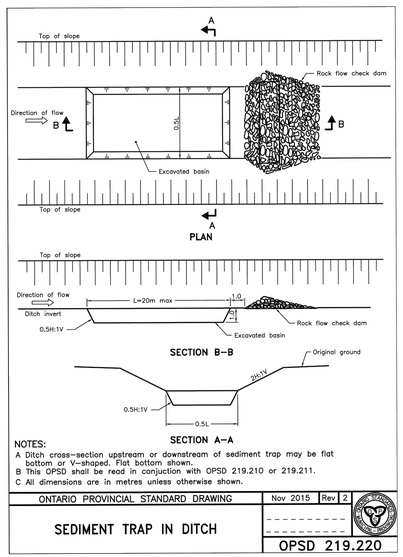



SILT CONTROL TRIBUTARY AREA
POST–DEVELOPMENT
SCALE: 1:1000



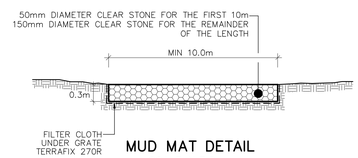

NOTE:
A All dimensions are in millimetres unless otherwise shown.

| ONTARIO PROVINCIAL STANDARD DRAWING | Nov 2015 | Rev | 2 |
|---|---|---|---|
| TEMPORARY ROCK FLOW CHECK DAM V–DITCH | | | |
| | OPSD 219.210 | | |

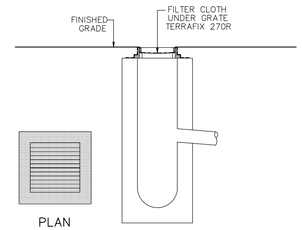



NOTES:
A Ditch cross–section upstream or downstream of sediment trap may be flat bottom or V–shaped. Flat bottom shown.
B This OPSD shall be read in conjuction with OPSD 219.210 or 219.211.
C All dimensions are in metres unless otherwise shown.

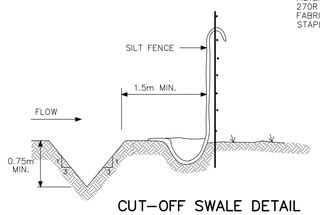
| ONTARIO PROVINCIAL STANDARD DRAWING | Nov 2015 | Rev | 2 |
|---|---|---|---|
| SEDIMENT TRAP IN DITCH | | | |
| | OPSD 219.220 | | |



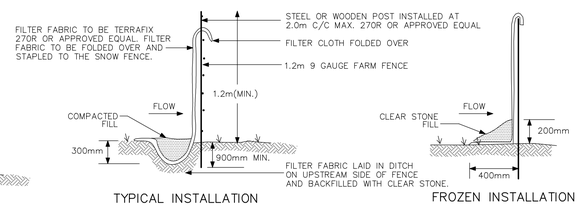

MUD MAT DETAIL
SCALE N.T.S.




DETAIL FOR STREET CB SILT PROTECTION
SCALE: NTS




CUT–OFF SWALE DETAIL
SCALE N.T.S.




SILT CONTROL FENCE
(MODIFIED OPSD 219.130)
SCALE: N.T.S

## TOPOGRAPHIC INFORMATION

TOPOGRAPHIC INFORMATION PROVIDED BY RADY–PENTEK & EDWARD SURVEYING LTD.; JOB No. 16–146, TOPOGRAPHIC SURVEY DATED ON JULY 5, 2016 AND DATED JULY 20, 2016.
MARSHALL MACKLIN MONAGHAN ONTARIO LTD., JOB NO 20–05052–00–000, TOPOGRAPHIC SURVEY DATED JUNE 11, 2005 TO JULY 21, 2005.

## LEGAL INFORMATION

CONCEPT PLAN PROVIDED BY KORSIAK URBAN PLANNING LTD., DATED DECEMBER 13, 2024.

## BENCHMARK NOTE

ELEVATIONS ARE GEODETIC AND ARE REFERRED TO MINISTRY OF TRANSPORTATION ONTARIO FIRST–ORDER VERTICAL BENCH MARK NUMBER 0081981814 HAVING AN ORTHOMETRIC ELEVATION OF 188.594 METRES. ELEVATIONS ARE REFERENCED TO THE CANADIAN GEODETIC VERTICAL DATUM OF 1928, 1978 ADJUSTMENT (CGVD–1928:1978).
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## NOT FOR CONSTRUCTION

| No. | DATE | BY | |
|---|---|---|---|
| 1. | 26–07–06 | D.P. | 1st SUBMISSION |

| | | | | |
|---|---|---|---|---|
| DESIGNED BY: | D.A. | CHECKED BY: | C.Y. | DATE JULY 2026 |
| DRAWN BY: | A.C. | CHECKED BY: | C.Y. | |
| SCALE HORIZ. 1:250 | 0 2.5 5 7.5 10 | | | REFERENCES |

APPROVALS

FIELD NOTES

MUNICIPAL APPROVAL

APPROVED IN PRINCIPLE SUBJECT TO DETAIL CONSTRUCTION CONFORMING TO TOWN OF OAKVILLE STANDARDS AND SPECIFICATIONS

MANAGER OF DEVELOPMENT SERVICES — DATE

| | | | |
|---|---|---|---|
| BELL | ☐ | HYDRO | ☐ |
| GAS | ☐ | CABLE | ☐ |
| TRAFFIC | ☐ | WATER | ☐ |

REGIONAL APPROVAL

APPROVED DESIGN OF SANITARY, WATER SERVICES AND REGIONAL ROAD WORKS SUBJECT TO DETAIL CONSTRUCTION CONFORMING TO HALTON REGION STANDARDS & SPECIFICATIONS & LOCATIONAL APPROVAL FROM AREA MUNICIPALITY

DEVELOPMENT SERVICES, PUBLIC WORKS — DATE

STAMP

LICENCED PROFESSIONAL ENGINEER
D.M.PRIDDLE
100216848
26–07–06
PROVINCE OF ONTARIO

DSEL
600 Alden Road, Suite 606
Markham, Ontario, L3R 0E7
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MUNICIPALITY
OAKVILLE
DEVELOPMENT SERVICES

REGION
Halton REGION
The Regional Municipality of Halton

DEVELOPER
REMINGTON GROUP

PROJECT
PRESERVE BLOCK 301
(275 POLLY DRIVE)

TITLE
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EROSION & SEDIMENT CONTROL DETAILS

| MUNICIPAL FILE NO. | REGIONAL FILE NO. |
|---|---|
| 24T–XXXX | DO–XXXX |
| PROJECT NO. 21–1227 | SHEET ESC–2 |